

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

A 281.3449
M343
Cop. 1 Reserve



FEDERAL MILK ORDER MARKET STATISTICS

JANUARY HIGHLIGHTS

MINIMUM CLASS I PRICE, \$10.38; BLEND, \$9.52

PRODUCER DELIVERIES UP 3.2 PERCENT

PRODUCER MILK USED IN CLASS I DOWN 3.2 PERCENT

58 PERCENT OF DELIVERIES USED IN CLASS I

IN-AREA FLUID MILK SALES (ADJUSTED) UP 0.7 PERCENT

*
* Annual In-Area Fluid Milk Sales - See page 18 *
*
* Producer-Handlers in Federal Milk Order Markets *
* See page 35 *
*
* How Federal Milk Order Market Statistics Are *
* Developed and What they Mean - See page 42 *
*

1977
JAN 19 1977
U.S. DEPT. OF AGRICULTURE
DAIRY DIVISION

TABLE OF CONTENTS

| <u>Table No.</u> | | <u>Page No.</u> |
|------------------|---|-----------------|
| | Summary. | 3 |
| 1. | Federal order fluid differentials, February and March 1977; minimum Class I prices for milk of 3.5 percent butterfat content f.o.b. market or other indicated point, and butterfat differentials, February 1976 and 1977 and Class I price, March 1976 and 1977 | 7 |
| 2. | Federal order minimum Class and blend prices for milk of 3.5 percent butterfat content, f.o.b. market or other indicated point, January 1977 to date, averages | 8 |
| 3. | Number of producers delivering milk to handlers regulated under Federal orders, total deliveries and average daily deliveries per producer, January. | 10 |
| 4. | Producer milk deliveries used in Class I and gross Class I sales by handlers regulated under Federal orders, January. | 12 |
| 5. | Producer milk deliveries used in Class II by handlers regulated under Federal orders which have three classes of utilization, January with comparisons | 14 |
| 6. | Whole milk, lowfat and skim milk items sold in marketing areas defined by Federal milk orders, for markets where such information is available, December 1976, with comparisons | 16 |
| 7. | Whole milk, lowfat and skim milk items sold in marketing areas defined by Federal milk orders, for markets where such information is available, year 1976, with comparisons | 18 |
| 8. | Daily average sales of individual whole milk items, lowfat and skim milk items, in 49 selected marketing areas defined by Federal milk orders, January 1976 to date with comparisons | 20 |
| 9. | Packaged sales of whole milk, lowfat and skim milk items, milk and cream mixtures, cream items, and total fluid items by handlers regulated under Federal milk order markets, grouped by region, December 1976, with comparisons. | 23 |
| 10. | Packaged sales of milk and cream mixtures, cream items, yogurt, and eggnog by handlers regulated under Federal order markets, for those markets where comparable data are available, January 1976 to date, with comparisons. | 24 |
| 11. | Milk, skim milk and cream utilized in the manufacture of dairy products by handlers regulated under Federal milk order markets, grouped by regions, December 1975. | 25 |
| 12. | Milk, skim milk and cream utilized in the manufacture of dairy products by handlers regulated under Federal milk order markets, grouped by regions, December 1976. | 26 |
| 13. | Percentage of whole milk equivalent used in the production of manufactured dairy products, in 49 selected Federal order markets, January 1976 to date, with comparisons. | 27 |
| 14. | Federal order base and excess prices for milk of 3.5 percent butterfat content, January. | 28 |
| 15. | Seasonal incentive fund included under various Federal milk orders, January. | 28 |
| 16. | Dairy product prices and manufacturing milk prices, January 1977 to date, with comparisons | 29 |
| 17. | U.S. milk prices, U.S. milk feed ratio, and general price measures, January 1977 to date, with comparisons | 30 |
| 18. | Retail prices paid by consumers for dairy products, United States, January 1977 to date, with comparisons | 31 |
| 19. | Prevailing prices paid by consumers for the most common grade of whole milk, skim milk, ice cream, cheese, American process, and butter, 23 cities, January 1977 | 31 |
| 20. | Prevailing prices paid by consumers for the most common grade of whole milk, skim milk, ice cream, cheese, American process, and butter, 23 cities, Annual 1976, with comparisons. | 32 |
| 21. | U.S. production, January 1977 to date with comparisons | 33 |
| 22. | Commercial and Government storage holdings, January 1977 to date, with comparisons | 33 |
| 23. | U.S.D.A. purchases (Delivery basis), January 1977 to date, with comparisons. | 34 |
| | Producer-handlers in Federal milk order markets. | 35 |
| | How Federal milk order market statistics are developed and what they mean. | 42 |
| | Major order actions, January 1977. | Back page |

FEDERAL MILK ORDER MARKET STATISTICS

Summary of prices, deliveries, and deliveries used in Class I

| Year | Number of markets | Average number of producers | Change from prev. year 1/ | Producer deliveries per year 1/ | Average daily deliveries per producer | Change from prev. year 1/ | Deliveries used in Class I | Change from prev. year 1/ | Class I utilization | Prices per 100 pounds (3.5 percent) |
|------|-------------------|-----------------------------|---------------------------|---------------------------------|---------------------------------------|---------------------------|----------------------------|---------------------------|---------------------|-------------------------------------|
| | No. | Number | Bil. lb. | Pct. | Pounds | Pct. | Bil. lb. | Pct. | Percent | Dollars |
| 1972 | 62 | 136,881 | 68.7 | 1.5 | 1,372 | 2.0 | 40.9 | 60 | 7.10 | 6.31 |
| 1973 | 61 | 131,565 | 66.2 | -3.6 | 1,386 | -1.0 | 40.5 | 61 | 8.03 | 7.31 |
| 1974 | 61 | 126,094 | 67.8 | 2.3 | 1,473 | -3.0 | 39.3 | 58 | 9.35 | 8.36 |
| 1975 | 56 | 123,855 | 69.2 | 2.2 | 1,532 | 2.1 | 40.1 | 58 | 9.36 | 8.64 |
| 1976 | 50 | 122,770 | 74.6 | 7.4 | 1,659 | 1.9 | 41.0 | 55 | 10.70 | 9.75 |

1/ Percentages computed from unrounded pounds.

| Year and month | Number of comp. markets | Change from prev. year 1/ | Producer deliveries per year 1/ | Average daily deliveries per producer | Change from prev. year 1/ | Deliveries used in Class I | Change from prev. year 1/ | Class I utilization | Prices per 100 pounds (3.5 percent) |
|-----------------|-------------------------|---------------------------|---------------------------------|---------------------------------------|---------------------------|----------------------------|---------------------------|---------------------|-------------------------------------|
| | No. | Number | Bil. lb. | Pct. | Pounds | Pct. | Bil. lb. | Percent | Dollars |
| 1977: 2/ | 46 | 107,058 | 5.5 | 3.2 | 1,671 | -3.2 | 3.2 | 58 | 10.38 |
| Jan. | | | | | | | | | 10.96 |
| Feb. | | | | | | | | | 9.52 |
| Mar. | | | | | | | | | 10.22 |
| Apr. | | | | | | | | | |
| May | | | | | | | | | |
| June | | | | | | | | | |
| July | | | | | | | | | |
| Aug. | | | | | | | | | |
| Sept. | | | | | | | | | |
| Oct. | | | | | | | | | |
| Nov. | | | | | | | | | |
| Dec. | | | | | | | | | |
| Year to date 3/ | | | | | | | | | |

1/ Percentages computed from unrounded pounds.

2/ Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

3/ Average or total.

Summary of packaged fluid milk and fluid cream product sales 1/

| Year | No. of mkt. | Whole milk items 2/ | | | Lowfat and skim milk items 3/ | | | Milk and Cream mixtures | | | Cream items 4/ | | | Total fluid milk and fluid cream items 5/ | | |
|--------------|-------------|---------------------|----------|------------|-------------------------------|----------|------------|-------------------------|----------|------------|----------------|----------|------------|---|----------|------------|
| | | Mill. lb. | Percent | Change | Mill. lb. | Percent | Change | Mill. lb. | Percent | Change | Mill. lb. | Percent | Change | Mill. lb. | Percent | Change |
| | | Sales | over Bf. | prev. test | Sales | over Bf. | prev. test | Sales | over Bf. | prev. test | Sales | over Bf. | prev. test | Sales | over Bf. | prev. test |
| | | year 6/ | year 6/ | year 6/ | year 6/ | year 6/ | year 6/ | year 6/ | year 6/ | year 6/ | year 6/ | year 6/ | year 6/ | year 6/ | year 6/ | year 6/ |
| 1972 | 62 | 31,083 | - 0.8 | 3.43 | 9,480 | 10.1 | 1.49 | 416 | - 1.4 | 11.1 | 283 | 1.5 | 23.0 | 41,587 | 1.6 | 3.20 |
| 1973 | 61 | 29,854 | - 3.0 | 3.42 | 10,273 | 9.1 | 1.46 | 405 | - 2.1 | 11.1 | 291 | 3.4 | 23.2 | 41,138 | - .2 | 3.14 |
| 1974 | 61 | 28,067 | - 5.6 | 3.41 | 10,910 | 6.4 | 1.46 | 386 | - 4.5 | 10.9 | 328 | 7/ 7.6 | 22.1 | 39,881 | - 2.5 | 3.10 |
| 1975 8/ | 55 | 23,745 | - .3 | 3.36 | 11,381 | 10.1 | 1.49 | 329 | - .6 | 11.1 | 342 | 7/ 12.0 | 20.9 | 36,017 | 3.0 | 3.01 |
| | | | | | | | | | | | | | | | | |
| 1976 8/ | 55 | 2,096 | - 1.2 | 3.35 | 1,068 | 9.6 | 1.50 | 27 | 4.1 | 11.0 | 25 | 8.3 | 21.4 | 3,231 | 2.4 | 2.94 |
| Jan. | 55 | 1,846 | - 5.7 | 3.34 | 958 | 4.4 | 1.48 | 26 | 1.3 | 11.2 | 25 | 0 | 20.9 | 2,869 | - 2.4 | 2.93 |
| Feb. | 55 | 2,071 | 3.1 | 3.34 | 1,073 | 13.1 | 1.48 | 29 | 6.8 | 11.1 | 29 | 1.6 | 21.4 | 3,219 | 6.3 | 2.94 |
| Mar. | 54 | 2,007 | 1.2 | 3.34 | 1,040 | 9.7 | 1.48 | 29 | 9.4 | 11.1 | 30 | 13.8 | 21.7 | 3,124 | 4.1 | 2.96 |
| Apr. 2/ | 54 | 1,958 | - 2.4 | 3.34 | 1,006 | 4.9 | 1.48 | 29 | 3.7 | 11.1 | 28 | - 1.2 | 21.2 | 3,036 | 0 | 2.95 |
| May | 51 | 1,802 | 1.6 | 3.34 | 948 | 10.5 | 1.48 | 29 | 7.0 | 11.1 | 29 | - .1 | 21.1 | 2,824 | 4.5 | 2.97 |
| June 10/ | 51 | 1,897 | 1.7 | 3.33 | 979 | 10.1 | 1.48 | 30 | 6.3 | 11.1 | 30 | 4.5 | 21.3 | 2,951 | 4.5 | 2.97 |
| July | 51 | 1,886 | - 1.0 | 3.34 | 973 | 7.2 | 1.49 | 29 | 1.8 | 11.1 | 28 | 7.4 | 20.5 | 2,931 | 1.8 | 2.96 |
| Aug. | 51 | 2,014 | - 1.8 | 3.34 | 1,069 | 8.5 | 1.50 | 28 | 1.6 | 11.1 | 27 | 5.0 | 20.7 | 3,154 | 1.6 | 2.93 |
| Sept. | 49 | 2,053 | - 4.2 | 3.35 | 1,109 | 6.0 | 1.50 | 29 | 0 | 11.1 | 28 | 2.8 | 21.0 | 3,233 | - .8 | 2.93 |
| Oct. 11/ | 49 | 2,026 | 4.1 | 3.35 | 1,101 | 14.5 | 1.50 | 30 | 10.4 | 11.0 | 37 | 9.7 | 22.2 | 3,224 | 7.7 | 3.02 |
| Nov. | 49 | 2,045 | - .3 | 3.34 | 1,111 | 9.1 | 1.50 | 32 | 6.1 | 11.0 | 44 | 4.4 | 21.6 | 3,292 | 3.0 | 3.10 |
| Dec. | --- | 23,702 | - .4 | 3.34 | 12,435 | 9.0 | 1.49 | 346 | 4.9 | 11.1 | 359 | 4.7 | 21.3 | 37,089 | 2.7 | 2.97 |
| Year to date | | | | | | | | | | | | | | | | |

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.

3/ Plain, fortified, flavored skim and lowfat milk, and buttermilk.

4/ Light, heavy, and sour cream, and cream dips.

5/ Includes eggnog and yogurt.

6/ Data for February 1972 and 1976 adjusted to a 28-day basis before computing percentage changes.

7/ During January 1974, there was a change in the reporting of the sales of cream items. As a result, the percent change over the previous year is somewhat overstated.

8/ Represents the data for all Federal milk order markets, except New York-New Jersey. Data for comparable Federal milk order markets can be found on tables 10 and 11.

9/ The decreased number of markets reflects the merger of Boston Regional and Connecticut. See "Major Order Actions, April 1976" in FMOS - 196, April 1976.

10/ The decreased number of markets reflects the merger of Duluth-Superior, Minneapolis-St. Paul, Minnesota-North Dakota, and S.E. Minn.-N. Iowa. See "Major Order Actions, June 1976" in FMOS-198, June 1976.

11/ The decreased number of markets reflects the merger of Appalachian, Knoxville, and Chattanooga. See "Major Order Actions, October 1976" in FMOS - 202, October 1976.

Summary of milk, skim milk, and cream utilized in manufactured products and uses 1/

| Year | No. of mths | BUTTER | | | CHEESE | | | FROZEN DESSERTS | | | COTTAGE CHEESE | | | SKIM MILK POWDER | | | TOTAL 2/ | | |
|-----------------|-------------|-----------|---------------------------|------|-----------|---------------------------|------|-----------------|---------------------------|------|----------------|---------------------------|------|------------------|---------------------------|-----|-----------|---------------------------|------|
| | | Percent | | | Percent | | | Percent | | | Percent | | | Percent | | | Percent | | |
| | | Mill. lb. | Change: over prev. year3/ | Bf. | Mill. lb. | Change: over prev. year3/ | Bf. | Mill. lb. | Change: over prev. year3/ | Bf. | Mill. lb. | Change: over prev. year3/ | Bf. | Mill. lb. | Change: over prev. year3/ | Bf. | Mill. lb. | Change: over prev. year3/ | Bf. |
| 1972 4/ | 62 | 1,037 | -2.5 | 41.9 | 7,162 | 13.1 | 3.70 | 2,626 | 0.9 | 11.0 | 4,864 | 14.3 | 1.24 | 6,672 | -9.8 | .06 | 29,950 | 4.4 | 4.28 |
| 1973 | 61 | 952 | -13.6 | 39.2 | 7,631 | 8.5 | 3.83 | 2,540 | -3.2 | 10.9 | 4,535 | -6.4 | 1.11 | 5,151 | -22.5 | .05 | 27,914 | -4.0 | 4.29 |
| 1974 | 61 | 1,026 | 2.4 | 37.2 | 10,878 | 41.3 | 3.78 | 2,534 | 3.8 | 11.3 | 4,046 | -7.8 | 1.15 | 5,932 | 15.3 | .07 | 30,844 | 10.6 | 4.28 |
| 1975 5/ | 55 | 907 | -.8 | 38.9 | 10,322 | 9.1 | 3.82 | 2,657 | 16.7 | 11.5 | 3,233 | -8.5 | 1.03 | 5,247 | -1.2 | .06 | 27,053 | 4.6 | 4.50 |
| 1976 5/ | 55 | 91 | -2.0 | 39.5 | 903 | 16.8 | 4.03 | 164 | 5.3 | 13.0 | 254 | -5.4 | 1.05 | 350 | -14.3 | .06 | 2,128 | 4.4 | 5.07 |
| Jan. | 55 | 82 | -4.9 | 41.4 | 935 | 18.7 | 3.86 | 176 | 8.6 | 12.5 | 251 | -5.5 | 1.08 | 399 | -10.7 | .09 | 2,204 | 5.2 | 4.79 |
| Feb. | 55 | 83 | -4.2 | 41.8 | 1,082 | 11.0 | 3.77 | 236 | 22.8 | 11.9 | 306 | 12.3 | 1.11 | 453 | -12.6 | .11 | 2,564 | 7.6 | 4.62 |
| Mar. | 54 | 84 | -7.5 | 41.4 | 1,187 | 24.2 | 3.72 | 243 | 10.9 | 11.3 | 295 | 6.4 | 1.08 | 565 | -3.0 | .07 | 2,797 | 7.5 | 4.35 |
| Apr. | 54 | 91 | 1.1 | 40.9 | 1,318 | 16.4 | 3.64 | 243 | -5.9 | 11.2 | 291 | -.4 | 1.14 | 686 | -2.0 | .07 | 3,096 | 5.2 | 4.17 |
| May | 51 | 80 | 10.6 | 40.5 | 1,322 | 16.8 | 3.57 | 282 | 2.0 | 11.1 | 307 | 10.3 | 1.13 | 702 | 7.5 | .07 | 3,178 | 11.2 | 4.02 |
| June 7/ | 51 | 74 | 38.8 | 40.7 | 1,291 | 24.3 | 3.50 | 289 | -1.5 | 10.9 | 298 | 1.3 | 1.09 | 674 | 17.4 | .07 | 3,070 | 17.5 | 3.96 |
| July | 51 | 68 | 51.9 | 40.3 | 1,159 | 31.6 | 3.54 | 272 | 4.1 | 11.4 | 293 | 21.9 | 1.13 | 550 | 45.5 | .07 | 2,768 | 23.8 | 4.10 |
| Aug. | 51 | 65 | 34.5 | 41.5 | 967 | 46.8 | 3.74 | 228 | 2.7 | 12.1 | 274 | 13.7 | 1.01 | 394 | 81.3 | .09 | 2,319 | 24.1 | 4.47 |
| Sept. | 49 | 80 | 33.9 | 42.2 | 1,001 | 49.8 | 3.92 | 197 | -3.3 | 12.5 | 250 | 3.5 | 1.02 | 400 | 79.0 | .09 | 2,301 | 23.7 | 4.79 |
| Oct. 8/ | 49 | 83 | 38.9 | 41.4 | 993 | 50.8 | 4.03 | 179 | 5.7 | 13.0 | 244 | 21.5 | 1.08 | 357 | 34.2 | .09 | 2,207 | 29.2 | 5.00 |
| Nov. | 49 | 104 | 28.6 | 39.7 | 1,182 | 35.1 | 3.96 | 164 | -6.6 | 12.6 | 226 | 12.7 | 1.14 | 515 | 26.1 | .14 | 2,576 | 19.2 | 4.76 |
| Dec. | 49 | | | | | | | | | | | | | | | | | | |
| Year to date 4/ | --- | 984 | 13.8 | 40.9 | 13,339 | 26.8 | 3.75 | 2,672 | 3.3 | 11.8 | 3,289 | 7.2 | 1.09 | 6,046 | 15.0 | .08 | 31,209 | 14.1 | 4.46 |

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured dairy products, i.e. evaporated milk, condensed milk, whole milk powder, aerated, and frozen and plastic cream; and, milk, skim milk, and cream used in other food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

3/ Percentage changes over previous year are based on pounds of butterfat, except for skim milk powder which are based on pounds of product.

4/ Data for February adjusted to a 28-day basis before computing percentage changes.

5/ Excludes New York-New Jersey.

6/ The decreased number of markets reflects the merger of Boston Regional and Connecticut. See "Major Order Actions, April 1976" in FMOS - 196, April 1976.

7/ The decreased number of markets reflects the merger of Duluth-Superior, Minneapolis-St. Paul, Minnesota-North Dakota, and Southeastern Minnesota-Northern Iowa. See "Major Order Actions, June 1976" in FMOS - 198, June 1976.

8/ The decreased number of markets reflects the merger of Appalachian, Knoxville, and Chattanooga. See "Major Order Actions, October 1976" in FMOS - 202, October 1976.

Summary of packaged sales of fluid milk products in marketing areas defined by Federal milk orders 1/

| Year | Whole milk items 2/ | | | | Lowfat and skim milk items 3/ | | | | Total fluid milk items | | | |
|--------------|-----------------------------|-------------|---------------------------------|----------|-------------------------------|---------------------------------|----------|-------------|---------------------------------|----------|-------------|---------|
| | No. of comp. mkts. | Mil. lb. | Percent | | Mil. lb. | Percent | | Mil. lb. | Percent | | Mil. lb. | Percent |
| | | | Change over previous year 4/ | Bf. test | | Change over previous year 4/ | Bf. test | | Change over previous year 4/ | Bf. test | | |
| | | | | | | | | | | | | |
| 1973 6/ | 57 | 23,727 | - 3.1 | - 3.2 | 3.42 | 8.5 | 8.5 | 32,856 | - 0.2 | - 0.2 | 32,850 | - 0.2 |
| 1974 6/ | 57 | 22,243 | - 6.2 | - 6.2 | 3.41 | 6.5 | 6.6 | 31,967 | - 2.7 | - 2.7 | 31,957 | - 2.7 |
| 1975 7/ | 55 | 22,180 | - .9 | - .9 | 3.36 | 10,757 | 9.8 | 9.9 | 32,937 | 2.3 | 32,937 | 2.4 |
| 1976 8/ | 48 | 21,685 | - 3.0 | - 3.1 | 3.34 | 11,640 | 7.2 | 7.0 | 33,324 | .3 | 33,195 | .2 |
| 1977 8/ | 48 | 1,883 | - 6.3 | - 2.8 | 3.34 | 1,072 | 3.2 | 7.6 | 2,954 | - 3.1 | 2,843 | 0.7 |
| January 9/ | | | | | | | | | | | | 2.67 |
| February | | | | | | | | | | | | |
| March | | | | | | | | | | | | |
| April | | | | | | | | | | | | |
| May | | | | | | | | | | | | |
| June | | | | | | | | | | | | |
| July | | | | | | | | | | | | |
| August | | | | | | | | | | | | |
| September | | | | | | | | | | | | |
| October | | | | | | | | | | | | |
| November | | | | | | | | | | | | |
| December | | | | | | | | | | | | |
| Year to date | | | | | | | | | | | | |

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain, and flavored whole milk.

3/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

4/ Percentages based on the same number of comparable markets in both years. Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in FMOs - 196, April 1976.

6/ Excludes the New York-New Jersey, Fort Smith, Lake Mead, Western Colorado, and Mississippi markets.

7/ Excludes the New York-New Jersey market.

8/ Excludes the New York-New Jersey and New Orleans-Mississippi markets.

9/ Estimated.

Table 1.—Federal order fluid differentials, February and March 1977; minimum Class I prices for milk of 3.5 percent butterfat content f.o.b. market or other indicated point* and butterfat differentials, February 1976 and 1977; and Class I price, March 1976 and 1977

| Marketing area | Fluid | | | | | Fluid | | | | |
|------------------------|-------------|---------------|-----------|---------------|------|--------------------------|---------------|-----------|---------------|------|
| | diff. | Class I price | Fat diff. | Class I price | | diff. | Class I price | Fat diff. | Class I price | |
| | per 100 lb. | per 100 lb. | 0.1% | per 100 lb. | | per 100 lb. | per 100 lb. | 0.1% | per 100 lb. | |
| | 1/ | | | | | 1/ | | | | |
| | February | | | | | February | | | | |
| | 1977 | 1977 | 1976 | 1977 | 1976 | 1977 | 1977 | 1976 | 1977 | 1976 |
| | Dollars | | | | | Dollars | | | | |
| | Cents | | | | | Cents | | | | |
| | Dollars | | | | | Dollars | | | | |
| NEW ENGLAND | | | | | | WEST NORTH CENTRAL -CON. | | | | |
| New England | 2.98 | 11.23 | 12.06 | 10.4 | 9.9 | 11.17 | 11.88 | | | |
| MIDDLE ATLANTIC | | | | | | Southern Group | | | | |
| New York-New Jersey | 2.64 | 10.89 | 11.72 | 10.4 | 9.9 | 10.83 | 11.54 | | | |
| Middle Atlantic | 2.78 | 11.03 | 11.86 | 10.4 | 9.9 | 10.97 | 11.68 | | | |
| SOUTH ATLANTIC | | | | | | EAST SOUTH CENTRAL | | | | |
| Tampa Bay | 2.95 | 11.20 | 12.03 | 7.5 | 7.5 | 11.14 | 11.85 | | | |
| Southeastern Florida | 3.15 | 11.40 | 12.23 | 7.5 | 7.5 | 11.34 | 12.05 | | | |
| Upper Florida | 2.85 | 11.10 | 11.93 | 7.5 | 7.5 | 11.04 | 11.75 | | | |
| Georgia | 2.30 | 10.55 | 11.38 | 10.4 | 9.9 | 10.49 | 11.20 | | | |
| EAST NORTH CENTRAL | | | | | | WEST SOUTH CENTRAL | | | | |
| Eastern Group | | | | | | Northern Group | | | | |
| Southern Michigan | 1.60 | 9.85 | 10.68 | 10.3 | 9.7 | 9.79 | 10.50 | | | |
| Eastern Ohio-W. Pa. | 1.85 | 10.10 | 10.93 | 10.4 | 9.9 | 10.04 | 10.75 | | | |
| Ohio Valley | 1.70 | 9.95 | 10.78 | 10.4 | 9.9 | 9.89 | 10.60 | | | |
| Western Group | | | | | | Red River Valley | | | | |
| Michigan Upper Penin. | 1.35 | 9.60 | 10.43 | 11.3 | 13.0 | 9.54 | 10.25 | | | |
| Chicago Regional | 1.26 | 9.51 | 10.34 | 10.4 | 9.9 | 9.45 | 10.16 | | | |
| Louisville-Lex.-Evans. | 1.70 | 9.95 | 10.57 | 10.4 | 9.9 | 9.89 | 10.39 | | | |
| Indiana | 1.47 | 9.72 | 10.55 | 10.4 | 9.9 | 9.66 | 10.37 | | | |
| Southern Illinois | 2/1.53 | 9.78 | 10.61 | 10.4 | 9.9 | 9.72 | 10.43 | | | |
| Central Illinois | 1.39 | 9.64 | 10.47 | 10.4 | 9.9 | 9.58 | 10.29 | | | |
| WEST NORTH CENTRAL | | | | | | MOUNTAIN | | | | |
| Northern Group | | | | | | Eastern Colorado | | | | |
| Upper Midwest | 2/1.12 | 9.37 | 10.20 | 10.4 | 9.9 | 9.31 | 10.02 | | | |
| Eastern South Dakota | 1.40 | 9.65 | 10.58 | 10.4 | 9.9 | 9.59 | 10.40 | | | |
| Black Hills | 1.95 | 10.20 | 11.03 | 10.4 | 12.4 | 10.14 | 10.85 | | | |
| North Central Iowa | 1.25 | 9.50 | 10.33 | 10.4 | 9.9 | 9.44 | 10.15 | | | |
| Cedar Rapids-I.C. | 1.33 | 9.58 | 10.41 | 10.4 | 9.9 | 9.52 | 10.23 | | | |
| Quad Cities-Dubuque | 1.33 | 9.58 | 10.41 | 10.4 | 9.9 | 9.52 | 10.23 | | | |
| Des Moines | 1.40 | 9.65 | 10.48 | 10.4 | 9.9 | 9.59 | 10.30 | | | |
| Nebraska-Western Iowa | 1.60 | 9.85 | 10.68 | 10.4 | 9.9 | 9.79 | 10.50 | | | |
| | | | | | | Pacific | | | | |
| | | | | | | Puget Sound | | | | |
| | | | | | | Inland Empire | | | | |
| | | | | | | Oregon-Washington | | | | |

* Generally the major city in the marketing area. See footnotes on table 2 for location.

1/ The basic formula price is the Minnesota-Wisconsin price for the second preceding month adjusted to a 3.5 percent butterfat content.

2/ Tied to the St. Louis-Osarks order.

3/ The data shown for the previous year represent what the prices would have been had the order been in effect at those times.

4/ Tied to the Oklahoma Metropolitan order.

TABLE 2.- FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT*, AND BUTTERFAT DIFFERENTIALS, JANUARY**

| MARKETING AREA | PRICES PER 100 POUNDS | | | | | | FAT DIFFERENTIAL 0.1% | | | |
|----------------------------------|-----------------------|----------|----------|----------|--------------|-----------|-----------------------|----------|-----------|-------|
| | CLASS I | | BLEND | | CLASS II | CLASS III | CLASS I | CLASS II | CLASS III | BLEND |
| | JAN 1977 | JAN 1976 | JAN 1977 | JAN 1976 | JANUARY 1977 | | JANUARY 1977 | | | |
| | DOLLARS | | | | | | CENTS | | | |
| NEW ENGLAND | | | | | | | | | | |
| NEW ENGLAND 1/ | 11.24 | 11.82 | 10.22 | 2/10.86 | 8.28 | --- | 10.4 | 10.4 | --- | 10.4 |
| AVERAGE 3/ | 11.24 | 11.82 | 10.22 | 10.86 | --- | --- | 10.4 | --- | --- | 10.4 |
| MIDDLE ATLANTIC | | | | | | | | | | |
| NEW YORK-NEW JERSEY 4/ | 10.90 | 11.48 | 9.66 | 10.37 | 8.30 | --- | 10.4 | 10.4 | --- | 10.4 |
| MIDDLE ATLANTIC 5/ | 11.04 | 11.62 | 6/9.98 | 6/10.74 | 8.24 | --- | 10.4 | 10.4 | --- | 10.4 |
| AVERAGE 3/ | 10.96 | 11.54 | 9.78 | 10.50 | --- | --- | 10.4 | --- | --- | 10.4 |
| SOUTH ATLANTIC | | | | | | | | | | |
| TAMPA BAY | 11.21 | 11.79 | 11.11 | 11.79 | 8.34 | --- | 7.5 | 10.4 | --- | 8.4 |
| SOUTHEASTERN FLORIDA 7/ | 11.41 | 11.99 | 11.35 | 11.96 | 8.34 | 8/4.11 | 7.5 | 10.4 | 10.4 | 8.4 |
| UPPER FLORIDA 9/ | 11.11 | 11.69 | 11.10 | 11.66 | 8.34 | --- | 7.5 | 10.4 | --- | 8.3 |
| GEORGIA 10/ | 10.56 | 11.14 | 10.07 | 10.81 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| AVERAGE 3/ | 10.98 | 11.55 | 10.71 | 11.38 | --- | --- | 8.6 | --- | --- | 9.2 |
| EAST NORTH CENTRAL | | | | | | | | | | |
| EASTERN GROUP | | | | | | | | | | |
| SOUTHERN MICHIGAN 11/ | 9.86 | 10.44 | 9.19 | 9.91 | 8.34 | 8.19 | 10.3 | 10.3 | 10.3 | 10.3 |
| EASTERN OHIO-WESTERN PA. 12/ | 10.11 | 10.69 | 13/9.41 | 13/10.10 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| OHIO VALLEY 14/ | 9.96 | 10.54 | 9.37 | 10.08 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| AVERAGE 3/ | 9.97 | 10.55 | 9.31 | 10.02 | --- | --- | 10.4 | --- | --- | 10.4 |
| WESTERN GROUP | | | | | | | | | | |
| MICHIGAN UPPER PENINSULA 15/ 16/ | 9.61 | 10.19 | 8.98 | 9.55 | 8.19 | --- | 11.4 | 10.4 | --- | 10.9 |
| CHICAGO REGIONAL 17/ | 9.52 | 10.10 | 8.76 | 9.46 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| LSVILLE-LXGTEN-EVNSVILLE | 9.96 | 10.33 | 9.37 | 10.01 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| INDIANA 18/ | 9.73 | 10.31 | 13/9.25 | 13/9.89 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| SOUTHERN ILLINOIS 19/ | 9.79 | 10.37 | 9.20 | 9.95 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| CENTRAL ILLINOIS 20/ | 9.65 | 10.23 | 9.14 | 9.77 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| AVERAGE 3/ | 9.65 | 10.21 | 8.92 | 9.61 | --- | --- | 10.4 | --- | --- | 10.4 |
| WEST NORTH CENTRAL | | | | | | | | | | |
| NORTHERN GROUP | | | | | | | | | | |
| UPPER MIDWEST 21/ | 9.38 | 2/9.93 | 8.52 | 2/9.31 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| EASTERN SOUTH DAKOTA 22/ | 9.66 | 10.34 | 8.96 | 9.66 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| BLACK HILLS 23/ | 10.21 | 10.79 | 9.30 | 9.82 | 8.19 | --- | 10.9 | 10.0 | --- | 10.4 |
| NORTH CENTRAL IOWA 24/ 25/ | 9.51 | 10.09 | 9.21 | 9.95 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| CEDAR RAPIDS - IOWA CITY | 9.59 | 10.17 | 8.95 | 9.82 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| QUAC CITIES - DUBUQUE 26/ | 9.59 | 10.17 | 8.84 | 9.53 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| DES MOINES | 9.66 | 10.24 | 9.00 | 9.70 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| NEBRASKA - WESTERN IOWA 27/ | 9.86 | 10.44 | 13/9.01 | 13/9.76 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 |
| AVERAGE 3/ | 9.73 | 10.32 | 8.99 | 9.72 | --- | --- | 10.4 | --- | --- | 10.4 |

* Major city in the marketing area. ** All averages are weighted. 1/ Nearby plant zone price; Boston and Hartford are in this zone. Price at 201-210 mile zone: Class I and blend, 40 cents less; Class II, 5.8 cents less. 2/ Represents a weighted average price for the merged orders. 3/ Markets under regulation on January 1, 1977, and which have had no significant marketing area expansion. Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi. 4/ New York metropolitan area. Price excludes a 5-cent direct delivery differential. Prices at 201-210 mile zone: Class I and blend, 24 cents less; Class II, eight cents less. 5/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent direct delivery differential applicable to milk delivered to Philadelphia. 6/ Blend price excludes a 7-cent deduction for the advertising and promotion program. 7/ Miami. 8/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped. 9/ Jacksonville and Tallahassee. 10/ Atlanta. 11/ Detroit. Price excludes an 8-cent direct delivery differential applicable to milk delivered to Detroit. 12/ Zone I (Erie, Pennsylvania). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. 13/ Blend price excludes a 5-cent deduction for the advertising and promotion program. 14/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) 5 cents more. 15/ Zone 2 (Marquette). 16/ Weighted average of all handlers' blend prices at all locations, 1977-76. 17/ Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 6 cents less. 18/ Indianapolis. 19/ Base zone (Alton). Class I and blend price at Carbondale (southeastern zone) seven cents more. 20/ Peoria. 21/ Zone I (Minneapolis, Rochester, and Duluth, Minnesota; Fargo, North Dakota, and Superior, Wisconsin. 22/ Sioux Falls. 23/ Rapid City, South Dakota. 24/ Zone I (Waterloo). 25/ Blend prices are weighted average of all handlers, 1977-76. 26/ Rock Island, Illinois. 27/ Zone I (Omaha).

TABLE 2.—FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINTS, AND BUTTERFAT DIFFERENTIALS, JANUARY** —CON.

| MARKETING AREA | PRICES PER 100 POUNDS | | | | | | FAT DIFFERENTIAL 0.1% | | | | | | | |
|---|-----------------------|----------|------------------|------------------|-----------------|-----------|-----------------------|----------|-----------|-------|-------|--|--|--|
| | CLASS I | | BLEND | | CLASS II | CLASS III | CLASS I | CLASS II | CLASS III | BLEND | | | | |
| | JAN 1977 | JAN 1976 | JAN 1977 | JAN 1976 | JANUARY 1977 | | JANUARY 1977 | | | | | | | |
| DOLLARS | | | | | | | | | | | CENTS | | | |
| WEST NORTH CENTRAL -CON. | | | | | | | | | | | | | | |
| SOUTHERN GROUP | | | | | | | | | | | | | | |
| ST LOUIS - CZARKS <u>28/</u> | 9.86 | 10.44 | <u>13/</u> 9.30 | <u>13/</u> 9.94 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| GREATER KANSAS CITY <u>29/</u> | 10.00 | 10.58 | <u>13/</u> 9.18 | <u>13/</u> 10.06 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| NEOSHO VALLEY <u>30/</u> | 9.91 | 10.49 | <u>13/</u> 9.63 | <u>13/</u> 10.25 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| WICHITA <u>31/</u> | 10.06 | 10.64 | <u>13/</u> 9.28 | <u>13/</u> 10.14 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| AVERAGE <u>3/</u> | 9.92 | 10.50 | 9.26 | 10.00 | --- | --- | 10.4 | --- | --- | 10.4 | | | | |
| EAST SOUTH CENTRAL | | | | | | | | | | | | | | |
| PADUCAH | 9.96 | 10.54 | 9.61 | 10.95 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| NASHVILLE | 10.11 | 10.42 | 9.34 | 9.95 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| MEMPHIS <u>25/</u> | 10.20 | 10.78 | <u>13/</u> 9.90 | <u>13/</u> 10.57 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| TENNESSEE VALLEY <u>32/</u> | 10.36 | 10.90 | 9.87 | <u>2/</u> 10.53 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| AVERAGE <u>3/</u> | 10.12 | 10.57 | 9.55 | 10.27 | --- | --- | 10.4 | --- | --- | 10.4 | | | | |
| WEST SOUTH CENTRAL | | | | | | | | | | | | | | |
| NORTHERN GROUP <u>33/</u> | | | | | | | | | | | | | | |
| CENTRAL ARKANSAS <u>34/</u> | 10.20 | 10.78 | <u>13/</u> 9.93 | <u>13/</u> 10.59 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| OKLAHOMA METROPOLITAN <u>35/</u> | 10.24 | 10.82 | <u>13/</u> 9.73 | <u>13/</u> 10.42 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| RED RIVER VALLEY <u>36/</u> | 10.46 | 11.04 | <u>13/</u> 9.98 | <u>13/</u> 10.57 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| TEXAS PANHANDLE <u>37/</u> | 10.51 | 11.09 | <u>13/</u> 10.25 | <u>13/</u> 10.86 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| LUBBOCK - PLAINVIEW | 10.68 | 11.26 | <u>13/</u> 10.32 | <u>13/</u> 11.02 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| AVERAGE <u>3/</u> | 10.30 | 10.88 | 9.87 | 10.54 | --- | --- | 10.4 | --- | --- | 10.4 | | | | |
| SOUTHERN GROUP | | | | | | | | | | | | | | |
| GREATER LOUISIANA <u>38/</u> | 10.73 | 11.31 | 10.32 | 11.01 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| NEW ORLEANS-MISSISSIPPI <u>39/</u> | 11.11 | 11.69 | 10.50 | 10.86 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| TEXAS <u>40/</u> | 10.58 | 11.16 | <u>13/</u> 10.04 | <u>13/</u> 10.69 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| AVERAGE <u>3/</u> | 10.58 | 11.16 | 10.04 | 10.69 | --- | --- | 10.4 | --- | --- | 10.4 | | | | |
| MOUNTAIN | | | | | | | | | | | | | | |
| EASTERN COLORADO <u>41/</u> | 10.56 | 11.14 | 9.93 | 10.50 | 8.34 | 8.19 | 11.8 | 10.9 | 10.9 | 11.4 | | | | |
| GREAT BASIN <u>42/</u> | 10.16 | 10.74 | 9.36 | 9.91 | 8.34 | 8.19 | 10.9 | 10.4 | 10.4 | 10.6 | | | | |
| WESTERN COLORADO <u>43/</u> | 10.26 | 10.84 | 10.02 | 10.42 | 8.24 | 8.19 | 10.9 | 10.9 | 10.9 | 10.9 | | | | |
| CENTRAL ARIZONA <u>44/</u> | 10.78 | 11.36 | 9.92 | 10.58 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| RIO GRANDE VALLEY <u>45/</u> | 10.61 | 11.19 | <u>13/</u> 10.14 | <u>13/</u> 10.76 | 8.29 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| LAKE MEAD <u>46/</u> | 9.86 | 10.44 | 9.46 | 10.00 | 8.34 | 8.19 | 10.9 | 10.4 | 10.4 | 10.7 | | | | |
| AVERAGE <u>3/</u> | 10.50 | 11.09 | 9.80 | 10.40 | --- | --- | 11.0 | --- | --- | 10.8 | | | | |
| PACIFIC | | | | | | | | | | | | | | |
| PUGET SOUND <u>47/</u> | 10.11 | 10.69 | 9.06 | 9.55 | 8.44 | 8.19 | 10.4 | 10.4 | 10.4 | 10.4 | | | | |
| INLAND EMPIRE <u>48/</u> | 10.21 | 10.79 | 9.26 | 9.85 | 8.44 | 8.19 | 11.2 | 10.4 | 10.4 | 10.7 | | | | |
| OREGON - WASHINGTON <u>49/</u> | 10.21 | 10.79 | 9.43 | 9.85 | 8.44 | 8.19 | 10.9 | 10.4 | 10.4 | 10.6 | | | | |
| AVERAGE <u>3/</u> | 10.17 | 10.75 | 9.23 | 9.70 | --- | --- | 10.7 | --- | --- | 10.5 | | | | |
| <u>45</u> -MARKET AVERAGE <u>3/ 33/</u> | 10.38 | 10.96 | 9.52 | 10.22 | <u>50/</u> 8.31 | --- | 10.3 | --- | --- | 10.4 | | | | |
| ALL-MARKET AVERAGE | 10.36 | 10.93 | 9.46 | 10.17 | <u>50/</u> 8.31 | --- | 10.3 | --- | --- | 10.4 | | | | |

28/ Zone I (St. Louis and Springfield). 29/ Kansas City and Topeka. 30/ Pittsburg, Kansas. 31/ Zone I (Wichita). 32/ Bristol, Chattanooga, and Knoxville. 33/ Excludes Fort Smith. Fewer than three handlers. Fort Smith prices: Class I 1977, \$10.21 and 1976, \$10.79; Blend 13/ 1977, \$9.99 and 1976, \$10.58; Class II 1977, \$8.29 and 1976, \$9.00; Class III 1977, \$8.19 and 1976, \$8.90. Fat differential: Class I 1977, 10.4¢ and 1976, 9.9¢; Class II 10.4¢ and 1976, 9.9¢; Class III 1977, 10.4¢ and 1976, 9.9¢; Blend 1977, 10.4¢ and 1976, 9.9¢. 34/ Little Rock. 35/ Oklahoma City. 36/ Wichita Falls, Texas. 37/ Amarillo. 38/ Monroe and Shreveport. 39/ Zone I (New Orleans). 40/ Zone I (Dallas). Class I prices at other points in the marketing area: Abilene, plus 25 cents; Houston, plus 36 cents; San Antonio, plus 42 cents; and Mercedes, plus 75 cents. 41/ Denver. 42/ Salt Lake City, Utah. 43/ Grand Junction. 44/ Phoenix. 45/ Albuquerque, Santa Fe, and El Paso. 46/ Las Vegas, Nevada. 47/ District I (Seattle). 48/ Spokane, Washington. 49/ Portland. 50/ A weighted average price for milk in excess of Class I needs, calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs).

TABLE 1.-NUMBER OF PRODUCERS DELIVERING MILK TO HANGLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, JANUARY

| MARKETING AREA | NUMBER OF PRODUCERS | | PRODUCER DELIVERIES | | | AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES | | AVERAGE DAILY DELIVERIES PER PRODUCER | |
|--------------------------|---------------------|----------------------|---------------------|-----------|----------------------|---|----------|---------------------------------------|----------|
| | JAN 1977 | CHANGE FROM JAN 1976 | JAN 1977 | JAN 1976 | CHANGE FROM JAN 1976 | JAN 1977 | JAN 1976 | JAN 1977 | JAN 1976 |
| | NUMBER | | 1,000 LBS. | | PERCENT | PERCENT | | POUNDS | |
| NEW ENGLAND | | | | | | | | | |
| NEW ENGLAND | 8,102 | 278- | 405,965 | 416,242 | 2.5- | 3.75 | 3.75 | 1,616 | 1,602 |
| AVERAGE OR TOTAL 1/ | 8,102 | 278- | 405,965 | 416,242 | 2.5- | 3.75 | 3.75 | — | — |
| MIDDLE ATLANTIC | | | | | | | | | |
| NEW YORK-NEW JERSEY | 19,019 | 406- | 761,323 | 771,998 | 1.4- | 3.69 | 3.67 | 1,291 | 1,282 |
| MIDDLE ATLANTIC | 7,979 | 176- | 464,977 | 431,045 | 7.9 | 3.90 | 3.87 | 1,880 | 1,705 |
| AVERAGE OR TOTAL 1/ | 26,998 | 582- | 1,226,300 | 1,203,043 | 1.9 | 3.77 | 3.74 | — | — |
| SOUTH ATLANTIC | | | | | | | | | |
| TAMPA BAY | 119 | 6 | 49,128 | 46,277 | 6.2 | 3.57 | 3.50 | 12,397 | 11,884 |
| SOUTHEASTERN FLORIDA | 72 | 99- | 63,900 | 67,272 | 5.0- | 3.76 | 3.63 | 28,655 | 12,677 |
| UPPER FLORIDA | 185 | 6 | 57,976 | 56,094 | 3.4 | 3.55 | 3.49 | 10,550 | 10,884 |
| GEORGIA | 1,221 | 77- | 128,801 | 128,617 | .1 | 3.90 | 3.84 | 3,403 | 3,196 |
| AVERAGE OR TOTAL 1/ | 1,597 | 164- | 299,805 | 298,260 | .5 | 3.75 | 3.67 | — | — |
| EAST NORTH CENTRAL | | | | | | | | | |
| EASTERN GROUP | | | | | | | | | |
| SOUTHERN MICHIGAN | 6,971 | 192- | 339,233 | 328,657 | 3.2 | 3.90 | 3.84 | 1,570 | 1,480 |
| EASTERN OHIO-WESTERN PA. | 7,566 | 279- | 280,492 | 280,245 | .1 | 3.88 | 3.82 | 1,196 | 1,152 |
| OHIO VALLEY | 6,267 | 36- | 249,050 | 232,798 | 7.0 | 4.00 | 3.93 | 1,282 | 1,191 |
| AVERAGE OR TOTAL 1/ | 20,804 | 507- | 868,775 | 841,700 | 3.2 | 3.92 | 3.86 | — | — |
| WESTERN GROUP | | | | | | | | | |
| MICHIGAN UPPER PENINSULA | 225 | 15- | 7,761 | 7,823 | .8- | 3.75 | 3.77 | 1,113 | 1,051 |
| CHICAGO REGIONAL | 17,163 | 547- | 824,438 | 793,272 | 3.9 | 3.87 | 3.80 | 1,550 | 1,445 |
| LSVILLE-LXGTON-EVNSVILLE | 2,312 | 55- | 97,433 | 94,875 | 2.7 | 4.02 | 3.95 | 1,359 | 1,293 |
| INDIANA | 4,072 | 38- | 183,646 | 174,293 | 5.4 | 4.00 | 3.94 | 1,455 | 1,368 |
| SOUTHERN ILLINOIS | 2,050 | 69- | 98,707 | 89,969 | 9.7 | 3.88 | 3.85 | 1,553 | 1,370 |
| CENTRAL ILLINOIS | 482 | 34- | 22,019 | 19,958 | 10.3 | 3.98 | 3.98 | 1,474 | 1,248 |
| AVERAGE OR TOTAL 1/ | 26,304 | 758- | 1,234,004 | 1,180,190 | 4.6 | 3.90 | 3.84 | — | — |
| WEST NORTH CENTRAL | | | | | | | | | |
| NORTHERN GROUP | | | | | | | | | |
| UPPER MIDWEST 2/ | 13,174 | 4,431 | 600,161 | 367,831 | 63.2 | 3.77 | 3.74 | 1,470 | 1,357 |
| EASTERN SOUTH DAKOTA | 486 | 0 | 24,507 | 23,285 | 5.2 | 3.78 | 3.70 | 1,682 | 1,602 |
| BLACK HILLS | 99 | 5- | 5,468 | 5,449 | .3 | 3.88 | 3.77 | 2,084 | 1,896 |
| NORTH CENTRAL IOWA | 232 | 5- | 10,690 | 9,923 | 7.7 | 3.89 | 3.90 | 1,714 | 1,539 |
| CEGAR RAPIDS - IOWA CITY | 420 | 108 | 18,558 | 12,508 | 48.4 | 3.92 | 3.87 | 1,623 | 1,319 |
| QUAD CITIES - OUBUQUE | 775 | 32- | 34,371 | 32,635 | 5.3 | 3.84 | 3.88 | 1,479 | 1,371 |
| DES MOINES | 1,354 | 25- | 61,083 | 54,442 | 12.2 | 3.95 | 3.93 | 1,477 | 1,330 |
| NEBRASKA - WESTERN IOWA | 1,776 | 33 | 98,354 | 89,556 | 9.8 | 3.92 | 3.92 | 1,844 | 1,708 |
| AVERAGE OR TOTAL 1/ | 5,142 | 74 | 253,031 | 227,798 | 11.1 | 3.90 | 3.89 | — | — |

CONTINUED

TABLE 2.-NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, JANUARY -CON.

| MARKETING AREA | NUMBER OF PRODUCERS | | PRODUCER DELIVERIES | | | AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES | | AVERAGE DAILY DELIVERIES PER PRODUCER | |
|--|---------------------|----------------------|---------------------|-----------|----------------------|---|----------|---------------------------------------|----------|
| | JAN 1977 | CHANGE FROM JAN 1976 | JAN 1977 | JAN 1976 | CHANGE FROM JAN 1976 | JAN 1977 | JAN 1976 | JAN 1977 | JAN 1976 |
| | NUMBER | | 1,000 LBS. | | PERCENT | PERCENT | | POUNDS | |
| WEST NORTH CENTRAL -CON. | | | | | | | | | |
| SOUTHERN GROUP | | | | | | | | | |
| ST LOUIS - OZARKS | 3,019 | 88 | 151,973 | 135,067 | 12.5 | 3.97 | 3.89 | 1,624 | 1,487 |
| GREATER KANSAS CITY | 1,665 | 45- | 84,690 | 80,152 | 5.7 | 3.90 | 3.85 | 1,704 | 1,527 |
| NEOSHO VALLEY | 31 | 5- | 593 | 730 | 18.8- | 3.98 | 3.90 | 1,694 | 1,659 |
| WICHITA | 552 | 24 | 30,376 | 24,212 | 25.4 | 3.90 | 3.86 | 2,136 | 1,914 |
| AVERAGE OR TOTAL ^{1/} | 5,267 | 62 | 267,632 | 240,161 | 11.4 | 3.94 | 3.87 | — | — |
| EAST SCLTH CENTRAL | | | | | | | | | |
| PADUCAH | 218 | 8 | 10,570 | 9,775 | 8.1 | 4.04 | 4.17 | 1,564 | 1,502 |
| NASHVILLE | 889 | 23- | 49,393 | 46,655 | 5.9 | 3.98 | 3.94 | 1,792 | 1,650 |
| MEMPHIS | 594 | 48 | 27,035 | 26,711 | 1.2 | 3.97 | 3.90 | 1,842 | 1,946 |
| TENNESSEE VALLEY ^{2/} | 1,915 | 120 | 96,022 | 86,652 | 10.8 | 4.05 | 3.94 | 1,617 | 1,557 |
| AVERAGE OR TOTAL ^{1/} | 1,701 | 33 | 86,998 | 83,141 | 4.6 | 3.98 | 3.95 | — | — |
| WEST SCLTH CENTRAL | | | | | | | | | |
| NORTHERN GROUP | | | | | | | | | |
| CENTRAL ARKANSAS -FORT SMITH ^{4/} | 759 | 109 | 30,085 | 29,526 | 1.9 | 3.76 | 3.71 | 1,883 | 1,791 |
| OKLAHOMA METROPOLITAN | 1,371 | 33- | 62,421 | 56,636 | 10.2 | 3.82 | 3.76 | 1,968 | 1,766 |
| RED RIVER VALLEY | 369 | 123 | 16,390 | 12,180 | 34.6 | 3.72 | 3.71 | 1,907 | 1,716 |
| TEXAS PANHANDLE | 190 | 40 | 7,123 | 6,437 | 10.6 | 3.64 | 3.70 | 2,689 | 2,386 |
| LUBBOCK - PLAINVIEW | 134 | 33 | 6,680 | 6,385 | 4.6 | 3.74 | 3.74 | 4,338 | 4,567 |
| AVERAGE OR TOTAL ^{1/} | 2,823 | 272 | 122,699 | 111,164 | 10.4 | 3.78 | 3.74 | — | — |
| SOUTHERN GROUP | | | | | | | | | |
| GREATER LOUISIANA | 743 | 517 | 51,381 | 20,179 | 154.6 | 3.87 | 3.92 | 2,231 | 2,880 |
| NEW ORLEANS-MISSISSIPPI | 1,741 | 824 | 91,704 | 47,683 | 92.3 | 3.82 | 3.76 | 1,699 | 1,677 |
| TEXAS | 3,516 | 335- | 274,272 | 288,033 | 4.8- | 3.80 | 3.72 | 2,516 | 2,413 |
| AVERAGE OR TOTAL ^{1/} | 3,516 | 335- | 274,272 | 288,033 | 4.8- | 3.80 | 3.72 | — | — |
| MOUNTAIN | | | | | | | | | |
| EASTERN COLORADO | 1,002 | 156- | 69,646 | 66,737 | 4.4 | 3.77 | 3.83 | 2,242 | 1,859 |
| GREAT BASIN | 745 | 33- | 58,930 | 56,335 | 4.6 | 3.77 | 3.82 | 2,552 | 2,336 |
| WESTERN COLORADO | 59 | 7 | 4,816 | 4,172 | 15.4 | 3.80 | 3.89 | 2,633 | 2,588 |
| CENTRAL ARIZONA | 162 | 8 | 67,305 | 68,396 | 1.6- | 3.75 | 3.76 | 14,241 | 14,327 |
| RIO GRANDE VALLEY | 215 | 9 | 34,593 | 34,589 | 0 | 3.59 | 3.69 | 8,569 | 7,775 |
| LAKE MEAD | 48 | 5 | 10,740 | 10,026 | 7.1 | 3.67 | 3.61 | 7,218 | 7,521 |
| AVERAGE OR TOTAL ^{1/} | 2,231 | 160- | 246,030 | 240,255 | 2.4 | 3.74 | 3.78 | — | — |
| PACIFIC | | | | | | | | | |
| PUGET SOUND | 1,259 | 43- | 131,794 | 124,888 | 5.5 | 3.87 | 3.83 | 3,377 | 3,094 |
| INLAND EMPIRE | 315 | 8- | 21,323 | 19,274 | 10.6 | 3.99 | 3.94 | 2,184 | 1,925 |
| OREGON - WASHINGTON | 999 | 33- | 107,562 | 101,914 | 5.5 | 3.96 | 3.97 | 3,473 | 3,186 |
| AVERAGE OR TOTAL ^{1/} | 2,573 | 84- | 260,679 | 246,076 | 5.9 | 3.92 | 3.90 | — | — |
| 46-MARKET AVG. OR TOTAL ^{1/} | 107,058 | 2,427- | 5,546,190 | 5,376,063 | 3.2 | 3.84 | 3.80 | 1,671 | 1,584 |
| ALL-MARKET AVG. OR TOTAL | 124,631 | 3,465 | 6,385,458 | 5,898,408 | 8.2 | 3.84 | 3.80 | 1,653 | 1,570 |

^{1/} Based on markets where orders were effective entire period, 1976-77, and which have had no significant marketing area expansions. Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

^{2/} Data for the previous year represent the summation of the four orders merged to form Upper Midwest.

^{3/} Data for the previous year represent the summation of the three orders merged to form Tennessee Valley.

^{4/} The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 4.-PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL DROERS, JANUARY

| MARKETING AREA | PRODUCER DELIVERIES USED IN CLASS I | | | % USED IN CL. I | | GROSS CLASS I * | | DELIVERIES AS % OF GR. CL. I | |
|--------------------------|-------------------------------------|----------|----------------------|-----------------|----------|-----------------|----------------------|------------------------------|----------|
| | JAN 1977 | JAN 1976 | CHANGE FROM JAN 1976 | JAN 1977 | JAN 1976 | JAN 1977 | CHANGE FROM JAN 1976 | JAN 1977 | JAN 1976 |
| | 1,000 POUNDS | | PERCENT | PERCENT | | 1,000 LBS | PERCENT | PERCENT | |
| | | | | | | | | | |
| NEW ENGLAND | | | | | | | | | |
| NEW ENGLAND | 255,707 | 263,471 | 2.9- | 63 | 63 | 256,075 | 2.8- | 158 | 158 |
| AVERAGE DR TOTAL 1/ | 255,707 | 263,471 | 2.9- | 63 | 63 | --- | --- | --- | --- |
| MIDDLE ATLANTIC | | | | | | | | | |
| NEW YORK-NEW JERSEY | 392,022 | 414,062 | 5.3- | 51 | 54 | 392,022 | 5.3- | 194 | 186 |
| MIDDLE ATLANTIC | 286,630 | 296,599 | 3.4- | 62 | 69 | 300,568 | 3.8- | 155 | 138 |
| AVERAGE DR TOTAL 1/ | 678,652 | 710,661 | 4.5- | 55 | 59 | --- | --- | --- | --- |
| SOUTH ATLANTIC | | | | | | | | | |
| TAMPA BAY | 43,615 | 42,414 | 2.8 | 89 | 92 | 44,253 | .4- | 111 | 104 |
| SOUTHEASTERN FLORIDA | 58,152 | 61,599 | 5.6- | 91 | 92 | 60,176 | 5.6- | 106 | 105 |
| UPPER FLORIDA | 52,798 | 51,617 | 2.3 | 91 | 92 | 54,664 | 2.2 | 106 | 105 |
| GEORGIA | 100,636 | 109,317 | 7.9- | 78 | 85 | 103,292 | 8.2- | 125 | 114 |
| AVERAGE DR TOTAL 1/ | 255,201 | 264,947 | 3.7- | 85 | 89 | --- | --- | --- | --- |
| EAST NORTH CENTRAL | | | | | | | | | |
| EASTERN GROUP | | | | | | | | | |
| SOUTHERN MICHIGAN | 198,216 | 211,047 | 6.1- | 58 | 64 | 198,639 | 6.0- | 171 | 155 |
| EASTERN OHIO-WESTERN PA. | 185,198 | 193,514 | 4.3- | 66 | 69 | 185,991 | 4.6- | 151 | 144 |
| OHIO VALLEY | 163,113 | 163,038 | 0 | 65 | 70 | 167,921 | 3.0- | 148 | 134 |
| AVERAGE DR TOTAL 1/ | 546,527 | 567,599 | 3.7- | 63 | 67 | --- | --- | --- | --- |
| WESTERN GROUP | | | | | | | | | |
| MICHIGAN UPPER PENINSULA | 4,550 | 4,524 | .6 | 59 | 58 | 4,775 | 10.7- | 162 | 146 |
| CHICAGO REGIONAL | 266,710 | 286,838 | 7.0- | 32 | 36 | 266,938 | 7.3- | 309 | 275 |
| LSVILLE-LXGTON-EVNSVILLE | 64,462 | 72,884 | 11.6- | 66 | 77 | 64,856 | 12.8- | 150 | 128 |
| INDIANA | 124,697 | 121,492 | 2.6 | 68 | 70 | 133,076 | 3.9 | 138 | 136 |
| SOUTHERN ILLINOIS | 51,575 | 56,628 | 8.9- | 52 | 63 | 53,042 | 7.0- | 186 | 158 |
| CENTRAL ILLINOIS | 13,757 | 12,333 | 11.5 | 62 | 62 | 13,917 | 3.5 | 158 | 148 |
| AVERAGE DR TOTAL 1/ | 525,751 | 554,699 | 5.2- | 43 | 47 | --- | --- | --- | --- |
| WEST NORTH CENTRAL | | | | | | | | | |
| NORTHERN GROUP | | | | | | | | | |
| UPPER MICHIGAN 2/ | 136,348 | 129,560 | 5.2 | 23 | 35 | 136,930 | 5.2 | 438 | 282 |
| EASTERN SOUTH DAKOTA | 11,565 | 11,898 | 2.8- | 47 | 51 | 11,668 | 3.8- | 210 | 192 |
| BLACK HILLS | 3,130 | 3,449 | 9.2- | 57 | 63 | 3,259 | 7.6- | 168 | 154 |
| NORTH CENTRAL IDWA | 8,141 | 8,701 | 6.4- | 76 | 88 | 8,141 | 6.4- | 131 | 114 |
| CEGAR RAPIDS - IDWA CITY | 10,186 | 9,024 | 12.9 | 55 | 72 | 11,000 | 15.3 | 169 | 131 |
| QUAD CITIES - OUBUQUE | 14,932 | 14,810 | .8 | 43 | 45 | 15,380 | 3.3 | 223 | 219 |
| DES MCINES | 29,568 | 29,293 | .9 | 48 | 54 | 29,569 | .7 | 206 | 185 |
| NEBRASKA - WESTERN IDWA | 49,118 | 50,948 | 3.6- | 50 | 57 | 49,196 | 3.9- | 200 | 175 |
| AVERAGE DR TOTAL 1/ | 126,640 | 128,123 | 1.2- | 50 | 56 | --- | --- | --- | --- |

CONTINUED

TABLE 4—PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, JANUARY —CON.

| MARKETING AREA | PRODUCER DELIVERIES USED IN CLASS I | | CHANGE FROM | | % USED IN CL. I | | GROSS CLASS I* | | DELIVERIES AS % OF | |
|--|-------------------------------------|-----------|-------------|----------|-----------------|----------|----------------|----------|--------------------|----------|
| | JAN 1977 | JAN 1976 | JAN 1976 | JAN 1977 | JAN 1977 | JAN 1976 | JAN 1977 | JAN 1976 | JAN 1977 | JAN 1976 |
| | 1,000 POUNDS | | PERCENT | PERCENT | | | 1,000 LBS | PERCENT | PERCENT | |
| WEST NORTH CENTRAL —CON. | | | | | | | | | | |
| SOUTHERN GROUP | | | | | | | | | | |
| ST LOUIS — DZARKS | 106,949 | 96,639 | 10.7 | 70 | 72 | | 111,534 | 7.3 | 136 | 130 |
| GREATER KANSAS CITY | 45,622 | 53,940 | 15.4 | 54 | 67 | | 45,929 | 17.0 | 184 | 145 |
| NEOSHO VALLEY | 512 | 632 | 19.0 | 86 | 86 | | 514 | 20.8 | 115 | 112 |
| WICHITA | 18,164 | 17,245 | 5.3 | 60 | 71 | | 18,367 | 2.4 | 165 | 135 |
| AVERAGE OR TOTAL ^{1/} | 171,247 | 168,456 | 1.6 | 64 | 70 | | --- | --- | --- | --- |
| EAST SOUTH CENTRAL | | | | | | | | | | |
| PAIDUAT | 8,343 | 8,527 | 2.2 | 79 | 87 | | 8,455 | 17.0 | 125 | 96 |
| NASHVILLE | 28,739 | 30,082 | 4.5 | 58 | 64 | | 29,430 | 11.2 | 168 | 141 |
| MEMPHIS | 22,701 | 24,178 | 6.1 | 84 | 90 | | 26,042 | 7.5 | 104 | 95 |
| TENNESSEE VALLEY ^{3/} | 72,786 | 72,708 | .1 | 76 | 84 | | 72,883 | 1.3 | 132 | 117 |
| AVERAGE OR TOTAL ^{1/} | 59,783 | 62,787 | 4.8 | 69 | 76 | | --- | --- | --- | --- |
| WEST SOUTH CENTRAL | | | | | | | | | | |
| NORTHERN GROUP | | | | | | | | | | |
| CENTRAL ARKANSAS —FORT SMITH ^{4/} | 26,821 | 26,945 | .5 | 89 | 91 | | 28,601 | 4.2 | 105 | 99 |
| OKLAHOMA METROPOLITAN | 47,554 | 44,513 | 6.8 | 76 | 78 | | 49,451 | 5.3 | 126 | 121 |
| RED RIVER VALLEY | 12,948 | 9,486 | 36.5 | 79 | 78 | | 12,987 | 32.9 | 126 | 125 |
| TEXAS PANHANDLE | 6,440 | 5,857 | 10.0 | 90 | 91 | | 6,481 | 4.0 | 110 | 95 |
| LUBBOCK — PLAINVIEW | 5,788 | 5,678 | 1.9 | 87 | 89 | | 5,788 | 3.9 | 115 | 106 |
| AVERAGE OR TOTAL ^{1/} | 99,551 | 92,479 | 7.6 | 81 | 83 | | --- | --- | --- | --- |
| SOUTHERN GROUP | | | | | | | | | | |
| GREATER LOUISIANA | 43,441 | 17,685 | 145.6 | 84 | 88 | | 45,659 | 152.7 | 112 | 112 |
| NEW ORLEANS—MISSISSIPPI | 70,368 | 32,083 | 119.3 | 77 | 67 | | 75,026 | 130.9 | 122 | 147 |
| TEXAS | 217,505 | 229,744 | 5.3 | 79 | 80 | | 219,319 | 5.1 | 125 | 125 |
| AVERAGE OR TOTAL ^{1/} | 217,505 | 229,744 | 5.3 | 79 | 80 | | --- | --- | --- | --- |
| MOUNTAIN | | | | | | | | | | |
| EASTERN COLORADO | 50,689 | 52,454 | 3.4 | 73 | 78 | | 54,324 | 1.9 | 128 | 120 |
| GREAT BASIN | 35,177 | 33,878 | 3.8 | 60 | 60 | | 36,157 | 2.6 | 163 | 160 |
| WESTERN COLORADO | 4,195 | 3,598 | 16.6 | 87 | 86 | | 4,400 | 18.5 | 109 | 112 |
| CENTRAL ARIZONA | 44,465 | 46,550 | 4.5 | 66 | 68 | | 44,465 | 4.5 | 151 | 147 |
| RIO GRANDE VALLEY | 28,171 | 28,382 | .7 | 81 | 82 | | 28,297 | 1.3 | 122 | 120 |
| LAKE MEAD | 7,600 | 7,366 | 3.2 | 71 | 73 | | 7,623 | 1.3 | 141 | 133 |
| AVERAGE OR TOTAL ^{1/} | 170,297 | 172,228 | 1.1 | 69 | 72 | | --- | --- | --- | --- |
| PACIFIC | | | | | | | | | | |
| PUGET SOUND | 56,745 | 54,859 | 3.4 | 43 | 44 | | 59,388 | 3.1 | 222 | 217 |
| INLAND EMPIRE | 11,514 | 12,672 | 9.1 | 54 | 66 | | 11,542 | 11.6 | 185 | 148 |
| OREGON — WASHINGTON | 65,366 | 65,362 | | 61 | 64 | | 68,689 | .4 | 156 | 148 |
| AVERAGE OR TOTAL ^{1/} | 133,625 | 132,893 | .6 | 51 | 54 | | --- | --- | --- | --- |
| 46— MARKET AVG. OR TOTAL ^{1/} | 3,240,486 | 3,348,087 | 3.2 | 58 | 62 | | --- | --- | --- | --- |
| ALL— MARKET AVG. OR TOTAL | 3,563,429 | 3,600,123 | 1.0 | 56 | 61 | | --- | --- | --- | --- |

* Preliminary.

^{1/} Based on markets where orders were effective entire period, 1976-77, and which have had no significant marketing area expansions. Excludes Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

^{2/} Data for the previous year represent the summation of the four orders merged to form Upper Midwest.

^{3/} Data for the previous year represent the summation of the three orders merged to form Tennessee Valley.

^{4/} The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

Table 5.—Producer milk deliveries used in Class II by handlers regulated under Federal orders which have three classes of utilization, January with comparisons 1/

| Marketing area | Producer deliveries | | Percent used | |
|------------------------|---------------------|--------|--------------|------|
| | used in Class II | | in Class II | |
| | Jan. | Jan. | Jan. | Jan. |
| | 1977 | 1976 | 1977 | 1976 |
| | 1,000 lb. | | Percent | |
| SOUTH ATLANTIC | | | | |
| Georgia | 6,720 | 6,178 | 5.2 | 4.8 |
| EAST NORTH CENTRAL | | | | |
| Eastern Group | | | | |
| Southern Michigan | 21,411 | 22,191 | 6.3 | 6.8 |
| Eastern Ohio-W. Pa. | 15,514 | 16,669 | 5.5 | 5.9 |
| Ohio Valley | 18,988 | 17,238 | 7.6 | 7.4 |
| Western Group | | | | |
| Chicago Regional | 88,758 | 86,721 | 10.8 | 10.9 |
| Louis.-Lex.-Evans. | 4,114 | 4,495 | 4.2 | 4.7 |
| Indiana | 19,129 | 23,929 | 10.4 | 13.7 |
| Southern Illinois | 7,646 | 8,679 | 7.7 | 9.6 |
| Central Illinois | 682 | 1,656 | 3.1 | 8.3 |
| WEST NORTH CENTRAL | | | | |
| Northern Group | | | | |
| Upper Midwest 2/ | 22,486 | 18,555 | 3.7 | 5.0 |
| Eastern South Dakota | 3,177 | 2,711 | 13.0 | 11.6 |
| North Central Iowa | 1,787 | 1,003 | 16.7 | 10.1 |
| Cedar Rapids-Iowa City | 112 | 115 | .6 | .9 |
| Quad Cities-Dubuque | 2,980 | 2,807 | 8.7 | 8.6 |
| Des Moines | 3,976 | 3,886 | 6.5 | 7.1 |
| Nebraska-Western Iowa | 8,480 | 9,341 | 8.6 | 10.4 |
| Southern Group | | | | |
| St. Louis-Ozarks | 14,158 | 15,620 | 9.3 | 11.6 |
| Greater Kansas City | 11,997 | 11,866 | 14.2 | 14.8 |
| Neosho Valley | 11 | 11 | 1.9 | 1.5 |
| Wichita | 2,594 | 2,108 | 8.5 | 8.7 |

Continued

Table 5.—Producer milk deliveries used in Class II by handlers regulated under Federal orders which have three classes of utilization, January with comparisons 1/
—Continued

| Marketing area | Producer deliveries used in Class II | | Percent used in Class II | |
|---|---|--------------|-----------------------------|--------------|
| | Jan. 1977 | Jan. 1976 | Jan. 1977 | Jan. 1976 |
| | <u>1,000 lb.</u> | | <u>Percent</u> | |
| EAST SOUTH CENTRAL | | | | |
| Paducah | 929 | 1,026 | 8.8 | 10.5 |
| Nashville | 1,439 | 2,070 | 2.9 | 4.4 |
| Memphis | 2,368 | 1,873 | 8.8 | 7.0 |
| Tennessee Valley <u>2/</u> | 8,903 | 11,411 | 9.3 | 13.2 |
| WEST SOUTH CENTRAL | | | | |
| Northern Group | | | | |
| Central Arkansas— Fort Smith <u>4/</u> | 1,352 | 1,036 | 4.5 | 3.5 |
| Oklahoma Metropolitan | 6,632 | 6,208 | 10.6 | 11.0 |
| Red River Valley | 1,545 | 1,262 | 9.4 | 10.4 |
| Texas Panhandle | 484 | 539 | 6.8 | 8.4 |
| Lubbock-Plainview | 142 | 208 | 2.1 | 3.3 |
| Southern Group | | | | |
| Greater Louisiana | 2,283 | 741 | 4.4 | 3.7 |
| New Orleans-Mississippi | 7,112 | 4,716 | 7.8 | 9.9 |
| Texas | 27,193 | 29,372 | 9.9 | 10.2 |
| MOUNTAIN | | | | |
| Eastern Colorado | 6,583 | 6,224 | 9.5 | 9.3 |
| Great Basin | 3,767 | 3,908 | 6.4 | 6.9 |
| Western Colorado | 0 | 89 | 0 | 2.1 |
| Central Arizona | 8,957 | 8,812 | 13.3 | 12.9 |
| Rio Grande Valley | 4,108 | 3,950 | 11.9 | 11.4 |
| Lake Mead | 455 | 512 | 4.2 | 5.1 |
| PACIFIC | | | | |
| Puget Sound | 16,580 | 17,660 | 12.6 | 14.1 |
| Inland Empire | 1,973 | 2,021 | 9.3 | 10.5 |
| Oregon-Washington | 13,053 | 13,566 | 12.1 | 13.3 |

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped.

2/ The monthly data for the previous year represent the summation of the four orders merged to form Upper Midwest.

3/ The monthly data for the previous year represent Chattanooga. Appalachian and Knoxville had only two classes.

4/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 6.—WHOLE MILK, LOW FAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, DECEMBER 1976 WITH COMPARISONS 1/

| MARKETING AREA | WHOLE MILK 2/ | | | | LOWFAT AND SKIM MILK ITEMS 2/ | | | | TOTAL | | | |
|-------------------------|---------------|--------------------|-----------------------|-----------------|-------------------------------|--------------------|-----------------------|-----------------|---------------|--------------------|-----------------------|-----------------|
| | DECEMBER 1976 | | CHANGE 1976 FROM 1975 | | DECEMBER 1976 | | CHANGE 1976 FROM 1975 | | DECEMBER 1976 | | CHANGE 1976 FROM 1975 | |
| | DAILY AVG | BUTTER-FAT CCNTENT | DEC. | YEAR TO DATE 4/ | DAILY AVG | BUTTER-FAT CCNTENT | DEC. | YEAR TO DATE 4/ | DAILY AVG | BUTTER-FAT CCNTENT | DEC. | YEAR TO DATE 4/ |
| | 1,000 LB. | | PERCENT | | 1,000 LB. | | PERCENT | | 1,000 LB. | | PERCENT | |
| NEW ENGLAND | | | | | | | | | | | | |
| NEW ENGLAND 5/ | 6,845 | 3.42 | - 3.0 - | 3.2 | 1,520 | .98 | 16.2 | 12.8 | 8,366 | 2.97 | 0 - | .7 |
| PICCOLA ATLANTIC | | | | | | | | | | | | |
| MIDDLE ATLANTIC 6/ | 6,237 | 3.32 | - 3.4 - | 3.3 | 2,215 | 1.26 | 10.4 | 11.4 | 8,452 | 2.78 | - .2 | 0 |
| SOUTH ATLANTIC | | | | | | | | | | | | |
| TAMPA BAY | 1,133 | 3.35 | - 1.5 - | .9 | 380 | 1.17 | 14.1 | 16.2 | 1,514 | 2.80 | - 2.0 | 2.8 |
| SOUTHEASTERN FLORIDA | 1,432 | 3.37 | - 9.4 - | 3.8 | 505 | 1.26 | 30.1 | 20.4 | 1,938 | 2.82 | - 1.6 | .8 |
| UPPER FLORIDA | 1,245 | 3.28 | - 6.4 - | 4.0 | 388 | 1.25 | 18.8 | 25.2 | 1,633 | 2.80 | - 1.4 | 1.2 |
| GEORGIA | 1,730 | 3.23 | - 6.4 - | 2.9 | 982 | 1.34 | 6.6 | 9.5 | 2,712 | 2.61 | - 2.1 | 1.2 |
| EAST NORTH CENTRAL | | | | | | | | | | | | |
| EASTERN GROUP | | | | | | | | | | | | |
| SOUTHERN MICHIGAN | 4,297 | 3.30 | - 1.9 - | 2.5 | 2,136 | .96 | 8.5 | 6.7 | 6,434 | 2.52 | - 1.4 | .3 |
| E. OHIO - W. PA. | 4,569 | 3.38 | - 3.6 - | 4.2 | 1,604 | 1.70 | 10.2 | 12.1 | 6,173 | 2.95 | - .4 - | .5 |
| OHIO VALLEY | 3,697 | 3.18 | - 4.6 - | 6.0 | 2,107 | 1.70 | 11.3 | 13.1 | 5,805 | 2.64 | - .6 - | .1 |
| WESTERN GROUP | | | | | | | | | | | | |
| MICH. UPPER PENINSULA | 161 | 3.36 | - 6.5 - | 8.1 | 115 | 1.67 | 6.8 | 1.2 | 276 | 2.66 | - 1.4 - | 4.7 |
| CHICAGO REGIONAL | 4,860 | 3.31 | - 4.6 - | 5.2 | 3,451 | 1.59 | 5.1 | 3.3 | 8,312 | 2.59 | - .8 - | 1.9 |
| LOUIS.-LEX.-EVANS | 1,020 | 3.29 | - 5.5 - | 5.2 | 827 | 1.77 | 3.3 | 4.7 | 1,848 | 2.61 | - 1.7 - | 1.1 |
| INDIANA | 1,806 | 3.33 | - .1 - | 3.9 | 1,666 | 1.75 | 1.6 | 1.6 | 3,473 | 2.57 | - .7 - | 1.3 |
| SOUTHERN ILLINOIS | 758 | 3.21 | - 1.1 - | .9 | 703 | 1.74 | 3.7 | 4.0 | 1,462 | 2.50 | - 2.4 - | 1.4 |
| CENTRAL ILLINOIS | 358 | 3.26 | - 5.8 - | 6.5 | 324 | 1.68 | 4.8 | 2.3 | 682 | 2.51 | - 1.1 - | 2.6 |
| WEST NORTH CENTRAL | | | | | | | | | | | | |
| NORTHERN GROUP | | | | | | | | | | | | |
| UPPER MIDWEST 7/ | 1,131 | 3.27 | - 2.4 - | 5.6 | 2,371 | 1.46 | 6.5 | 5.2 | 3,503 | 2.05 | - 5.2 | 1.6 |
| EASTERN SOUTH DAKOTA 8/ | 122 | 3.28 | - 4.5 - | 6.0 | 188 | 1.79 | 5.3 | 2.1 | 310 | 2.38 | - 1.2 - | 1.3 |
| BLACK HILLS | 41 | 3.30 | - 4.9 - | 1.0 | 50 | 1.90 | 10.6 | 4.9 | 91 | 2.54 | - 3.0 | 1.9 |
| NORTH CENTRAL ICWA | 172 | 3.38 | - 1.7 - | 7.2 | 302 | 1.70 | 10.0 | 9.8 | 475 | 2.31 | - 5.5 | 2.8 |
| CEGAR RAPIDS-ICWA CITY | 51 | 3.39 | - 13.5 - | 17.8 | 87 | 1.53 | - 6.0 | 2.8 | 138 | 2.22 | - 9.0 - | 7.7 |
| GLAD CITIES - DUBLUQUE | 236 | 3.36 | - 10.6 - | 8.3 | 253 | 1.68 | 5.1 | 2.0 | 489 | 2.49 | - 3.2 - | 3.5 |
| DES MOINES | 247 | 3.56 | - 2.5 - | 5.3 | 351 | 1.67 | 4.6 | 3.3 | 638 | 2.40 | - 1.8 - | .2 |
| NEBRASKA-WESTERN ICWA | 779 | 3.23 | - 3.9 - | 5.0 | 686 | 1.61 | 7.5 | 6.6 | 1,465 | 2.53 | - 1.1 | 0 |

CONTINUED

TABLE 6.-WHOLE MILK, LOW FAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, DECEMBER 1976 WITH COMPARISONS 1/ -CON.

| MARKETING AREA | WHOLE MILK 2/ | | | | LOWFAT AND SKIM MILK ITEMS 3/ | | | | TOTAL | | | |
|---|---------------|--------------------|-----------------------|-----------------|-------------------------------|--------------------|-----------------------|-----------------|---------------|--------------------|-----------------------|-----------------|
| | DECEMBER 1976 | | CHANGE 1976 FROM 1975 | | DECEMBER 1976 | | CHANGE 1976 FROM 1975 | | DECEMBER 1976 | | CHANGE 1976 FROM 1975 | |
| | DAILY AVG | BUTTER-FAT CCNTENT | DEC. | YEAR TO DATE 4/ | DAILY AVG | BUTTER-FAT CCNTENT | DEC. | YEAR TO DATE 4/ | DAILY AVG | BUTTER-FAT CCNTENT | DEC. | YEAR TO DATE 4/ |
| | 1,000 LB. | | PERCENT | | 1,000 LB. | | PERCENT | | 1,000 LB. | | PERCENT | |
| WEST NORTH CENTRAL -CON. | | | | | | | | | | | | |
| SOUTHERN GROUP | | | | | | | | | | | | |
| ST LOUIS - CZARKS | 1,072 | 3.26 | - 7.5 | - 4.7 | 880 | 1.52 | 0.3 | - .1 | 1,953 | 2.47 | - 4.1 | - 2.7 |
| GREATER KANSAS CITY | 858 | 3.30 | - 3.4 | - 1.6 | 668 | 1.53 | 1.4 | 2.6 | 1,547 | 2.51 | - 1.3 | - .2 |
| NECSHO VALLEY | 162 | 3.33 | 7.7 | - 2.7 | 76 | 1.39 | 27.4 | 11.4 | 238 | 2.71 | 13.3 | 1.1 |
| WICHITA | 339 | 3.24 | - 5.9 | - 6.0 | 200 | 1.59 | 9.2 | 7.9 | 539 | 2.63 | - .9 | - 1.5 |
| EAST SOUTH CENTRAL | | | | | | | | | | | | |
| PACUCAH | 165 | 3.25 | - 4.4 | - 2.4 | 71 | 1.39 | 3.5 | 9.3 | 240 | 2.71 | - 2.2 | - .8 |
| NASHVILLE | 726 | 3.34 | - 4.8 | - 3.6 | 335 | 1.51 | 7.0 | 7.8 | 1,061 | 2.76 | - 1.4 | - .3 |
| MEMPHIS | 463 | 3.40 | 5.0 | - 1.9 | 215 | 1.22 | 11.8 | 4.0 | 683 | 2.70 | 7.1 | - .2 |
| TENNESSEE VALLEY 2/ | 882 | 3.33 | - 5.2 | - 4.2 | 732 | 1.65 | 1.6 | 4.3 | 1,614 | 2.57 | - 2.3 | - .4 |
| WEST SOUTH CENTRAL | | | | | | | | | | | | |
| NORTHERN GROUP | | | | | | | | | | | | |
| CENTRAL ARKANSAS | 428 | 3.37 | - .9 | - 2.3 | 187 | 1.53 | 9.8 | 11.4 | 616 | 2.81 | 2.1 | 1.3 |
| FCRT SMITH | 47 | 3.30 | - 32.1 | - 21.5 | 14 | 1.25 | - 20.6 | - 6.2 | 62 | 2.83 | - 29.7 | - 18.4 |
| OKLAHOMA METROPOLITAN | 864 | 3.34 | - .2 | - 2.3 | 274 | 1.42 | 21.2 | 13.4 | 1,138 | 2.88 | 4.2 | .9 |
| RED RIVER VALLEY | 343 | 3.33 | 5.6 | 4.8 | 63 | 1.15 | 9.5 | 6.5 | 407 | 3.00 | 6.2 | 5.0 |
| TEXAS PANHANDLE | 183 | 3.38 | - 5.9 | 1.9 | 35 | 1.56 | 2.1 | 2.7 | 222 | 3.07 | - 4.6 | 2.0 |
| LLEROCK - PLAINVIEW | 165 | 3.41 | - 4.4 | - 5.7 | 35 | 1.52 | - .4 | - 6.1 | 201 | 3.08 | - 3.7 | - 5.8 |
| SOUTHERN GROUP | | | | | | | | | | | | |
| GREATER LOUISIANA 8/ | 281 | 3.55 | - 5.7 | - 5.2 | 101 | 1.75 | - 4.7 | 12.6 | 383 | 3.08 | - 5.4 | - 1.2 |
| NEW ORLEANS-MISS. 8/ | 916 | 4.01 | 32.8 | 17.5 | 152 | 1.42 | 52.0 | 15.7 | 1,069 | 3.64 | 35.2 | 17.2 |
| TEXAS 10/ | 4,930 | 3.41 | 1.2 | 4.1 | 1,606 | 1.27 | - 1.7 | 1.8 | 6,537 | 2.88 | .4 | 3.6 |
| MOUNTAIN | | | | | | | | | | | | |
| EASTERN COLORADO | 837 | 3.33 | - 2.7 | - 1.8 | 728 | 1.81 | 6.8 | 7.3 | 1,565 | 2.62 | 1.5 | 2.1 |
| GREAT BASIN | 455 | 3.30 | 2.7 | - .4 | 656 | 1.91 | 7.2 | 11.8 | 1,111 | 2.48 | 5.3 | 6.4 |
| WESTERN COLORADO | 70 | 3.36 | 1.9 | 1.3 | 45 | 1.87 | 26.5 | 17.4 | 115 | 2.78 | 10.3 | 6.6 |
| CENTRAL ARIZONA | 944 | 3.48 | - 2.8 | - 2.3 | 515 | 1.41 | 14.0 | 9.4 | 1,463 | 2.75 | 2.6 | 1.3 |
| RIC GRANDE VALLEY | 819 | 3.36 | - 1.4 | .5 | 181 | 1.52 | 13.6 | 9.9 | 1,000 | 3.02 | 1.0 | 2.0 |
| LAKE MEAD | 210 | 3.50 | 3.5 | 6.7 | 107 | 1.76 | 17.4 | 18.3 | 317 | 2.91 | 7.8 | 10.2 |
| PACIFIC | | | | | | | | | | | | |
| POCKET SOUND | 723 | 3.36 | - 5.0 | - 5.0 | 950 | 1.86 | 5.8 | 6.2 | 1,713 | 2.49 | 1.0 | 1.0 |
| INLAND EMPIRE | 133 | 3.36 | - 6.3 | - 7.4 | 254 | 1.79 | 3.4 | 6.6 | 387 | 2.33 | - .1 | 1.2 |
| OREGON-WASHINGTON | 1,007 | 3.39 | .6 | - .5 | 1,194 | 1.84 | 8.1 | 8.4 | 2,201 | 2.55 | 4.5 | 4.0 |
| COMBINED AREAS (48) 11/ | 60,059 | 3.34 | - 3.0 | - 3.0 | 33,443 | 1.51 | 7.2 | 7.2 | 93,502 | 2.68 | .4 | .3 |
| COMBINED AREAS ADJ. FOR CALENDAR COMPOSITION (48) 12/ | 59,247 | — | - 3.6 | - 3.1 | 33,053 | — | 6.6 | 7.0 | 92,275 | — | - .2 | .2 |
| NEW YORK-NEW JERSEY 13/ | — | — | — | — | — | — | — | — | 13,834 | — | - 1.9 | - 2.4 |

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain, and flavored whole milk.

3/ Plain, fortified and flavored skim and lowfat milk and buttermilk.

4/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Sales represent the marketing area after the merger of Boston Regional and Connecticut, April 1, 1976.

6/ Sales represent the marketing area after the expansion of June 1, 1975.

7/ Represents combined sales for Duluth-Superior, Minneapolis-St. Paul, Minnesota-North Dakota, and Southeastern Minnesota-Northern Iowa, prior to the merger and expansion of June 1, 1976. Data are estimated.

8/ Sales represent the marketing area prior to the expansion of Greater Louisiana and New Orleans-Mississippi, April 1, 1976; and Eastern South Dakota, June 1, 1976. Data are estimated.

9/ Represents combined sales for Appalachian, Knoxville, and Chattanooga, prior to the merger and expansion of October 1, 1976. Data are estimated.

10/ Sales represent the marketing area after the merger and expansion of North Texas, Central West Texas, Austin-Waco, San Antonio, Corpus Christi, and South Texas, July 1, 1975.

11/ Excludes the New Orleans-Mississippi market.

12/ Figures adjusted to eliminate variations due to calendar composition. See special article in FMOS - 196, April 1976.

13/ Small amount of sales estimated.

Table 7.—Whole milk and lowfat and skim milk items sold in marketing areas defined by Federal milk orders for markets where such information is available, year 1976, with comparisons 1/

| Marketing area | Whole milk items 2/ | | | | Lowfat and skim milk items 3/ | | | | Total fluid milk items | | | |
|---------------------------|---------------------|---------|---------|---------|-------------------------------|---------|---------|---------|------------------------|---------|---------|---------|
| | 1976 | | 1975 | | 1976 | | 1975 | | 1976 | | 1975 | |
| | Daily | Butter- | Daily | Butter- | Daily | Butter- | Daily | Butter- | Daily | Butter- | Daily | Butter- |
| | average | fat | average | fat | av. | fat | av. | fat | average | fat | average | fat |
| | content | content | content | content | content | content | content | content | content | content | content | content |
| | 1,000 | | 1,000 | | 1,000 | | 1,000 | | 1,000 | | 1,000 | |
| | lb. | Pct. | lb. | Pct. | lb. | Pct. | lb. | Pct. | lb. | Pct. | lb. | Pct. |
| NEW ENGLAND | | | | | | | | | | | | |
| New England 4/ | 6,605 | 3.41 | 6,822 | 3.42 | 1,429 | 0.99 | 1,267 | 1.02 | 8,034 | 2.98 | 8,088 | 3.04 |
| MIDDLE ATLANTIC | | | | | | | | | | | | |
| New York-New Jersey 5/ | 10,699 | 3.42 | 11,194 | 3.42 | 1,761 | 1.22 | 1,580 | 1.16 | 12,460 | 3.11 | 12,774 | 3.14 |
| Middle Atlantic 6/ | 6,070 | 3.34 | 6,280 | 3.40 | 2,055 | 1.25 | 1,844 | 1.27 | 8,125 | 2.83 | 8,125 | 2.92 |
| SOUTH ATLANTIC | | | | | | | | | | | | |
| Tampa Bay | 1,079 | 3.33 | 1,089 | 3.34 | 352 | 1.12 | 303 | 1.09 | 1,431 | 2.79 | 1,391 | 2.85 |
| Southeastern Florida | 1,437 | 3.38 | 1,494 | 3.41 | 426 | 1.16 | 354 | 1.05 | 1,863 | 2.87 | 1,848 | 2.96 |
| Upper Florida | 1,290 | 3.29 | 1,344 | 3.30 | 369 | 1.24 | 295 | 1.19 | 1,659 | 2.83 | 1,639 | 2.92 |
| Georgia | 1,810 | 3.33 | 1,863 | 3.34 | 990 | 1.38 | 905 | 1.35 | 2,800 | 2.64 | 2,768 | 2.69 |
| FAST NORTH CENTRAL | | | | | | | | | | | | |
| Eastern Group | | | | | | | | | | | | |
| Southern Michigan | 4,220 | 3.26 | 4,327 | 3.35 | 2,007 | 0.96 | 1,880 | 0.96 | 6,227 | 2.52 | 6,207 | 2.63 |
| Eastern Ohio- | | | | | | | | | | | | |
| Western Pa. | 4,473 | 3.31 | 4,669 | 3.37 | 1,542 | 1.68 | 1,375 | 1.68 | 6,015 | 2.89 | 6,045 | 2.99 |
| Ohio Valley | 3,683 | 3.26 | 3,917 | 3.28 | 1,982 | 1.66 | 1,753 | 1.59 | 5,665 | 2.70 | 5,669 | 2.76 |
| Western Group | | | | | | | | | | | | |
| Mich. Upper Peninsula | 167 | 3.30 | 182 | 3.42 | 105 | 1.67 | 104 | 1.64 | 272 | 2.67 | 286 | 2.77 |
| Chicago Regional | 4,768 | 3.31 | 5,032 | 3.32 | 3,259 | 1.61 | 3,154 | 1.57 | 8,027 | 2.62 | 8,185 | 2.65 |
| Louisville-Lex.-Evans | 1,036 | 3.29 | 1,092 | 3.29 | 805 | 1.75 | 769 | 1.75 | 1,841 | 2.62 | 1,862 | 2.65 |
| Indiana | 1,749 | 3.30 | 1,820 | 3.34 | 1,622 | 1.71 | 1,596 | 1.69 | 3,370 | 2.54 | 3,416 | 2.57 |
| Southern Illinois | 741 | 3.25 | 748 | 3.25 | 670 | 1.74 | 645 | 1.74 | 1,412 | 2.53 | 1,393 | 2.55 |
| Central Illinois | 348 | 3.28 | 372 | 3.28 | 302 | 1.68 | 296 | 1.68 | 650 | 2.54 | 668 | 2.57 |
| WEST NORTH CENTRAL | | | | | | | | | | | | |
| Northern Group | | | | | | | | | | | | |
| Upper Midwest 7/ | 1,063 | 3.28 | 1,126 | 3.28 | 2,225 | 1.45 | 2,114 | 1.45 | 3,288 | 2.04 | 3,241 | 2.09 |
| Eastern S. Dakota 8/ | 118 | 3.28 | 126 | 3.27 | 173 | 1.77 | 169 | 1.75 | 291 | 2.39 | 295 | 2.40 |
| Black Hills | 43 | 3.33 | 43 | 3.31 | 47 | 1.90 | 45 | 1.89 | 90 | 2.58 | 88 | 2.59 |
| North Central Iowa | 166 | 3.38 | 178 | 3.38 | 282 | 1.67 | 257 | 1.66 | 448 | 2.30 | 435 | 2.37 |
| Cedar Rapids-Ia. City | 50 | 3.38 | 61 | 3.39 | 88 | 1.47 | 86 | 1.48 | 138 | 2.17 | 147 | 2.27 |
| Quad Cities-Dubuque | 241 | 3.31 | 263 | 3.31 | 236 | 1.64 | 232 | 1.65 | 477 | 2.48 | 495 | 2.53 |
| Des Moines | 238 | 3.55 | 252 | 3.54 | 372 | 1.65 | 361 | 1.64 | 611 | 2.39 | 613 | 2.42 |
| Nebraska-Western Iowa | 756 | 3.32 | 796 | 3.32 | 647 | 1.58 | 607 | 1.55 | 1,403 | 2.52 | 1,403 | 2.55 |

Continued

Table 7.—Whole milk and lowfat and skim milk items sold in marketing areas defined by Federal milk orders for markets where such information is available, year 1976, with comparisons 1/ -Con.

| Marketing area | Whole milk items 2/ | | | | Lowfat and skim milk items 3/ | | | | Total fluid milk items | | | |
|---------------------------|---------------------|--------------------|---------------|--------------------|-------------------------------|--------------------|-----------|--------------------|------------------------|--------------------|---------------|--------------------|
| | 1976 | | 1975 | | 1976 | | 1975 | | 1976 | | 1975 | |
| | Daily average | Butter-fat content | Daily average | Butter-fat content | Daily av. | Butter-fat content | Daily av. | Butter-fat content | Daily average | Butter-fat content | Daily average | Butter-fat content |
| | 1,000 lb. | Pct. | 1,000 lb. | Pct. | 1,000 lb. | Pct. | 1,000 lb. | Pct. | 1,000 lb. | Pct. | 1,000 lb. | Pct. |
| WEST NORTH CENTRAL | | | | | | | | | | | | |
| Southern Group | | | | | | | | | | | | |
| St. Louis-Ozarks | 1,099 | 3.27 | 1,152 | 3.28 | 856 | 1.52 | 856 | 1.56 | 1,955 | 2.50 | 2,008 | 2.54 |
| Greater Kansas City | 831 | 3.28 | 845 | 3.29 | 652 | 1.50 | 635 | 1.51 | 1,483 | 2.50 | 1,480 | 2.52 |
| Neosho Valley | 151 | 3.32 | 155 | 3.29 | 64 | 1.43 | 58 | 1.52 | 215 | 2.75 | 213 | 2.81 |
| Wichita | 335 | 3.26 | 357 | 3.25 | 188 | 1.55 | 175 | 1.51 | 524 | 2.65 | 531 | 2.68 |
| EAST SOUTH CENTRAL | | | | | | | | | | | | |
| Paducah | | | | | | | | | | | | |
| Nashville | 725 | 3.33 | 752 | 3.32 | 324 | 1.48 | 301 | 1.36 | 1,050 | 2.75 | 1,053 | 2.76 |
| Memphis | 450 | 3.34 | 459 | 3.38 | 202 | 1.21 | 194 | 1.28 | 652 | 2.68 | 653 | 2.76 |
| Tennessee Valley 9/ | 901 | 3.34 | 940 | 3.40 | 735 | 1.63 | 705 | 1.61 | 1,636 | 2.57 | 1,645 | 2.64 |
| WEST SOUTH CENTRAL | | | | | | | | | | | | |
| Northern Group | | | | | | | | | | | | |
| Central Arkansas | 428 | 3.40 | 438 | 3.39 | 177 | 1.50 | 159 | 1.74 | 605 | 2.85 | 597 | 2.95 |
| Fort Smith | 55 | 3.28 | 70 | 3.30 | 17 | 1.27 | 18 | 1.44 | 72 | 2.82 | 88 | 2.92 |
| Oklahoma Metro. | 853 | 3.32 | 874 | 3.34 | 254 | 1.41 | 224 | 1.44 | 1,107 | 2.88 | 1,098 | 2.95 |
| Red River Valley | 334 | 3.33 | 319 | 3.32 | 60 | 1.15 | 56 | 1.22 | 394 | 3.00 | 375 | 3.01 |
| Texas Panhandle | 198 | 3.36 | 194 | 3.34 | 39 | 1.48 | 38 | 1.46 | 237 | 3.05 | 232 | 3.03 |
| Lubbock-Plainview | 169 | 3.37 | 180 | 3.36 | 35 | 1.47 | 38 | 1.38 | 205 | 3.04 | 217 | 3.01 |
| Southern Group | | | | | | | | | | | | |
| Greater Louisiana 8/ | 287 | 3.56 | 302 | 3.59 | 98 | 1.74 | 87 | 1.69 | 384 | 3.10 | 389 | 3.17 |
| New Orleans-Miss. 8/ | 781 | 3.64 | 665 | 3.58 | 126 | 1.40 | 109 | 1.39 | 906 | 3.33 | 774 | 3.27 |
| Texas 10/ | 4,926 | 3.41 | 4,731 | 3.42 | 1,606 | 1.27 | 1,577 | 1.34 | 6,532 | 2.88 | 6,307 | 2.90 |
| MOUNTAIN | | | | | | | | | | | | |
| Eastern Colorado | | | | | | | | | | | | |
| Great Basin | 453 | 3.31 | 455 | 3.34 | 645 | 1.89 | 577 | 1.91 | 1,099 | 2.48 | 1,033 | 2.54 |
| Western Colorado | 66 | 3.35 | 66 | 3.32 | 38 | 1.89 | 33 | 1.86 | 105 | 2.81 | 98 | 2.83 |
| Central Arizona | 941 | 3.49 | 963 | 3.48 | 467 | 1.38 | 427 | 1.35 | 1,407 | 2.79 | 1,390 | 2.83 |
| Rio Grande Valley | 826 | 3.35 | 822 | 3.36 | 170 | 1.51 | 155 | 1.59 | 997 | 3.03 | 977 | 3.08 |
| Lake Mead | 209 | 3.56 | 196 | 3.51 | 99 | 1.69 | 84 | 1.70 | 308 | 2.96 | 280 | 2.97 |
| PACIFIC | | | | | | | | | | | | |
| Puget Sound | | | | | | | | | | | | |
| Inland Empire | 722 | 3.35 | 761 | 3.44 | 935 | 1.84 | 880 | 1.83 | 1,657 | 2.49 | 1,641 | 2.58 |
| Oregon-Washington | 133 | 3.34 | 143 | 3.42 | 246 | 1.77 | 230 | 1.78 | 378 | 2.32 | 374 | 2.41 |
| | 991 | 3.38 | 997 | 3.41 | 1,135 | 1.82 | 1,047 | 1.82 | 2,126 | 2.55 | 2,044 | 2.60 |
| Combined areas (49)11/ | 59,247 | 3.34 | 61,762 | 3.36 | 31,803 | 1.50 | 29,787 | 1.49 | 91,050 | 2.69 | 91,549 | 2.76 |

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain, and flavored whole milk.

3/ Plain, fortified and flavored skim and lowfat milk and buttermilk.

4/ Sales represent the marketing area after the merger of Boston Regional and Connecticut, April 1, 1976.

5/ Sales by New York-New Jersey regulated handlers inside the marketing area. Data represent sales for the months of January through August only.

6/ Sales represent the marketing area after the expansion of June 1, 1975.

7/ Represents combined sales for Duluth-Superior, Minneapolis-St. Paul, Minnesota-North Dakota, and Southeastern Minnesota-Northern Iowa, prior to the merger and expansion of June 1, 1976. Data are estimated.

8/ Sales represent the marketing area prior to the expansion of Greater Louisiana and New Orleans-Mississippi, April 1, 1976; and Eastern South Dakota, June 1, 1976. Data are estimated.

9/ Represents combined sales for Appalachian, Knoxville, and Chattanooga, prior to the merger and expansion of October 1, 1976. Data are estimated.

10/ Sales represent the marketing area after the merger and expansion of North Texas, Central West Texas, Austin-Waco, San Antonio, Corpus Christi, and South Texas, July 1, 1975.

11/ Excludes the New York-New Jersey and New Orleans-Mississippi markets.

Table 8.--Daily average sales of individual whole milk items, lowfat and skim milk items, in 49 selected marketing areas defined by Federal milk orders, January 1976 to date, with comparisons 1/

| Item | January | | | February | | | March | | | April | | |
|--|-------------|-----------|-------|-------------|-----------|-------|-------------|-----------|-------|-------------|-----------|-------|
| | Change 1976 | | | Change 1976 | | | Change 1976 | | | Change 1976 | | |
| | Daily | from 1975 | Year | Daily | from 1975 | Year | Daily | from 1975 | Year | Daily | from 1975 | Year |
| | average | Jan. | to | average | Feb. | to | average | Mar. | to | average | Apr. | to |
| | | date | date | | date | date | | date | date | | date | date |
| | 1,000 lb. | Percent | | 1,000 lb. | Percent | | 1,000 lb. | Percent | | 1,000 lb. | Percent | |
| Whole milk | 61,313.3 | - 1.3 | - 1.3 | 57,286.3 | - 6.4 | - 3.7 | 59,928.3 | 1.0 | - 2.1 | 58,989.8 | - 1.8 | - 2.1 |
| Flavored whole milk | 2,762.0 | - 3.0 | - 3.0 | 2,850.1 | - 1.8 | - 2.4 | 3,030.9 | 15.6 | 3.4 | 2,769.2 | - 7.5 | .6 |
| Total whole milk items | 64,075.3 | - 1.4 | - 1.4 | 60,136.4 | - 6.2 | - 3.7 | 62,959.2 | 1.6 | - 1.9 | 61,759.1 | - 2.1 | - 1.9 |
| Lowfat (2%) milk | | | | | | | | | | | | |
| Plain | 14,820.5 | 20.9 | 20.9 | 14,160.4 | 13.7 | 17.5 | 15,289.0 | 28.1 | 21.1 | 15,378.8 | 26.4 | 22.4 |
| Solids added | 9,993.6 | - 5.1 | - 5.1 | 9,316.6 | - 8.7 | - 6.7 | 8,939.4 | - 10.9 | - 8.1 | 8,990.1 | - 12.9 | - 9.3 |
| Skim milk | | | | | | | | | | | | |
| Plain | 1,821.6 | 14.6 | 14.6 | 1,729.3 | 8.3 | 11.6 | 1,850.4 | 12.7 | 12.0 | 1,882.0 | 8.9 | 11.2 |
| Solids added | 2,365.9 | - 6.5 | - 6.5 | 2,392.9 | - 5.3 | - 5.9 | 2,540.5 | 4.7 | - 2.3 | 2,372.4 | - 6.0 | - 3.2 |
| Flavored milk drinks | 2,123.8 | 23.3 | 23.3 | 2,166.1 | 23.1 | 23.2 | 2,423.3 | 51.1 | 32.3 | 2,285.5 | 24.8 | 30.3 |
| Buttermilk | 1,701.0 | .3 | .3 | 1,656.1 | - 2.5 | - 1.0 | 1,759.1 | 4.8 | 1.0 | 1,779.4 | 3.3 | 1.5 |
| Total lowfat and skim milk items | 32,826.4 | 8.3 | 8.3 | 31,421.3 | 3.9 | 6.2 | 32,801.7 | 11.9 | 8.1 | 32,688.2 | 7.9 | 8.1 |
| Total | 96,901.8 | 1.7 | 1.7 | 91,557.7 | - 3.0 | - .5 | 95,760.9 | 4.9 | 1.3 | 94,447.2 | 1.2 | 1.3 |
| Total adjusted for calendar composition 3/ | 94,834.4 | .8 | .8 | 94,543.9 | .2 | .5 | 95,029.2 | 2.4 | 1.2 | 93,152.4 | .1 | .9 |

Continued

Table 8.—Daily average sales of individual whole milk items, lowfat and skim milk items, in 49 selected marketing areas defined by Federal milk orders, January 1976 to date, with comparisons 1/

| Item | May | | | June | | | July | | | August | | |
|--|-------------|---------|-----------|-------------|---------|-----------|-------------|---------|-----------|-------------|---------|-----------|
| | Change 1976 | | | Change 1976 | | | Change 1976 | | | Change 1976 | | |
| | Daily | Year | from 1975 | Daily | Year | from 1975 | Daily | Year | from 1975 | Daily | Year | from 1975 |
| | average | May | to | average | June | to | average | July | to | average | Aug. | to |
| | | date 2/ | date 2/ | | date 2/ | date 2/ | | date 2/ | date 2/ | | date 2/ | date 2/ |
| | 1,000 lb. | Percent | | 1,000 lb. | Percent | | 1,000 lb. | Percent | | 1,000 lb. | Percent | |
| Whole milk | 55,433.8 | -5.9 | -2.8 | 53,738.5 | -0.9 | -2.5 | 54,782.4 | -1.5 | -2.4 | 54,080.5 | -4.3 | -2.6 |
| Flavored whole milk | 2,720.0 | -4.0 | -.4 | 1,539.6 | -2.7 | -.6 | 1,403.7 | -1.7 | -.7 | 1,712.1 | 5.7 | -1.1 |
| Total whole milk items | 58,153.8 | -5.9 | -2.7 | 55,278.1 | -1.0 | -2.5 | 56,186.1 | -1.5 | -2.3 | 55,792.6 | -4.0 | -2.5 |
| Lowfat (2%) milk | | | | | | | | | | | | |
| Plain | 14,033.2 | 17.0 | 21.3 | 13,820.8 | 24.4 | 21.8 | 13,952.1 | 25.1 | 22.2 | 13,982.2 | 17.9 | 21.7 |
| Solids added | 8,311.2 | -18.4 | -11.2 | 8,522.2 | -9.1 | -10.9 | 8,469.2 | -11.5 | -11.0 | 8,470.2 | -11.4 | -11.0 |
| Skim milk | | | | | | | | | | | | |
| Plain | 1,812.6 | 9.7 | 10.9 | 1,738.2 | 6.2 | 10.1 | 1,864.2 | 11.9 | 10.4 | 1,723.7 | 10.0 | 10.3 |
| Solids added | 2,357.6 | 4.2 | -1.8 | 2,211.5 | 3.3 | -1.1 | 2,131.4 | -1.7 | -1.2 | 1,973.6 | -5.8 | -1.7 |
| Flavored milk drinks | 2,273.1 | 27.6 | 29.7 | 1,447.4 | 30.2 | 29.8 | 1,304.0 | 39.3 | 30.7 | 1,408.6 | 30.8 | 30.7 |
| Buttermilk | 1,701.3 | -4.6 | .2 | 1,748.2 | -.4 | .1 | 1,760.3 | -.5 | 0 | 1,679.6 | -1.8 | -.2 |
| Total lowfat and skim milk items | 30,488.9 | 2.8 | 7.0 | 29,488.4 | 8.7 | 7.3 | 29,481.1 | 8.1 | 7.4 | 29,237.8 | 4.9 | 7.1 |
| Total | 88,642.8 | -3.0 | .4 | 84,766.5 | 2.2 | .7 | 85,667.2 | 1.6 | .8 | 85,030.4 | -1.1 | .6 |
| Total adjusted for calendar composition 2/ | 90,102.4 | .7 | .9 | 84,529.8 | -.7 | .6 | 83,839.5 | .2 | .6 | 86,907.6 | -.1 | .5 |

Continued

Table 8.--Daily average sales of individual whole milk items, lowfat and skim milk items, in 49 selected marketing areas defined by Federal milk orders, January 1976 to date, with comparisons 1/

| Item | September | | | October | | | November | | | December 4/ | | |
|--|-------------|----------|---------|-------------|---------|---------|-------------|---------|---------|-------------|---------|---------|
| | Change 1976 | | | Change 1976 | | | Change 1976 | | | Change 1976 | | |
| | Daily | Year | Percent | Daily | Year | Percent | Daily | Year | Percent | Daily | Year | Percent |
| | average | Sept. to | date 2/ | average | Oct. to | date 2/ | average | Nov. to | date 2/ | average | Dec. to | date 2/ |
| | 1,000 lb. | Percent | | 1,000 lb. | Percent | | 1,000 lb. | Percent | | 1,000 lb. | Percent | |
| Whole milk | 58,542.1 | - 5.1 | - 2.9 | 58,064.5 | - 6.7 | - 3.3 | 59,438.8 | 1.4 | - 2.9 | 57,761.5 | - 3.0 | - 3.1 |
| Flavored whole milk | 3,047.6 | - 2.9 | - .5 | 3,049.0 | - 8.4 | - 1.6 | 2,913.1 | 4.9 | - 1.0 | 2,297.6 | - 3.1 | - 1.7 |
| Total whole milk items | 61,589.7 | - 5.0 | - 2.8 | 61,113.4 | - 6.8 | - 3.3 | 62,351.9 | 1.5 | - 2.8 | 60,059.1 | - 3.0 | - 3.0 |
| Lowfat (2%) milk | | | | | | | | | | | | |
| Plain | 15,702.2 | 18.3 | 21.3 | 16,299.6 | 18.4 | 20.9 | 16,972.1 | 27.3 | 21.6 | 16,970.3 | 21.8 | 21.5 |
| Solids added | 9,102.1 | -10.2 | -10.9 | 8,499.7 | -16.3 | -11.5 | 8,698.0 | - 7.7 | -11.2 | 8,509.6 | -13.7 | -11.4 |
| Skim milk | | | | | | | | | | | | |
| Plain | 1,864.1 | 6.3 | 9.9 | 1,968.7 | 12.4 | 10.1 | 1,994.6 | 16.0 | 10.7 | 1,887.0 | 8.1 | 10.6 |
| Solids added | 2,210.0 | - 2.8 | - 1.8 | 2,194.8 | -10.8 | - 2.8 | 2,231.0 | -10.3 | - 3.5 | 2,125.8 | - 3.6 | - 3.5 |
| Flavored milk drinks | 2,774.7 | 23.9 | 29.6 | 2,846.7 | 23.7 | 28.7 | 2,753.1 | 39.8 | 29.9 | 2,275.3 | 28.4 | 29.5 |
| Buttermilk | 1,667.0 | - 2.2 | - .4 | 1,658.7 | - 4.0 | - .8 | 1,717.3 | 4.1 | - .4 | 1,674.8 | .2 | - .4 |
| Total lowfat and skim milk items | 33,320.1 | 6.1 | 7.0 | 33,468.2 | 4.1 | 6.6 | 34,366.2 | 12.4 | 7.2 | 33,442.8 | 7.2 | 7.2 |
| Total | 94,909.8 | - 1.4 | .3 | 94,581.6 | - 3.2 | 0 | 96,718.1 | 5.1 | .4 | 93,501.9 | .4 | .3 |
| Total adjusted for calendar composition 3/ | 94,512.8 | - 1.0 | .3 | 95,730.4 | - .7 | .2 | 95,931.4 | 2.0 | .4 | 92,274.6 | - .2 | .2 |

1/ See table 8 for markets included.

2/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

3/ Figures are adjusted to eliminate variations due to calendar composition. See special article in Federal Milk Order Market Statistics - 196, April 1976.

4/ The data for December represents 48 markets. The New Orleans-Mississippi market is excluded. This market also is excluded from the year to date percent change.

Table 9.--Packaged sales of whole milk, lowfat and skim milk items, milk and cream mixtures, cream items, and total fluid items by handlers regulated under Federal milk order markets, grouped by regions, December 1976, with comparisons 1/

| Region 2/ | Whole milk items 3/ | | | | Lowfat and skim milk items 4/ | | | | Milk and cream mixtures | | | | Cream items 5/ | | | | Total fluid items 6/ | | | |
|-----------|------------------------------|-------------------|------------------------------|-------------------|-------------------------------|-------------------|------------------------------|-------------------|------------------------------|-------------------|------------------------------|-------------------|------------------------------|-------------------|------------------------------|-------------------|----------------------|--|--|--|
| | Mil. lb. | Percent | Mil. lb. | Percent | Mil. lb. | Percent | Mil. lb. | Percent | Mil. lb. | Percent | Mil. lb. | Percent | Mil. lb. | Percent | Mil. lb. | Percent | | | | |
| | :Change over :prev. :year 7/ | :Bf. :Sales :test | :Change over :prev. :year 7/ | :Bf. :Sales :test | :Change over :prev. :year 7/ | :Bf. :Sales :test | :Change over :prev. :year 7/ | :Bf. :Sales :test | :Change over :prev. :year 7/ | :Bf. :Sales :test | :Change over :prev. :year 7/ | :Bf. :Sales :test | :Change over :prev. :year 7/ | :Bf. :Sales :test | :Change over :prev. :year 7/ | :Bf. :Sales :test | | | | |
| | 212 | - 3.6 3.41 : | 48 | 14.9 0.98 : | 2.6 | - 1.4 10.8 : | 5.3 | -19.3 23.3 : | 274 | - 1.0 3.53 | | | | | | | | | | |
| | 213 | 7/ 3.31 : | 77 | 7/ 1.25 : | 2.3 | 7/ 11.0 : | 3.3 | 7/ 24.9 : | 304 | 7/ 3.13 | | | | | | | | | | |
| | 179 | - 5.5 3.34 : | 68 | 14.5 1.28 : | 2.5 | 7.3 10.6 : | 1.9 | 7.3 22.9 : | 257 | - .3 3.05 | | | | | | | | | | |
| | 673 | - 4.5 3.30 : | 407 | 5.8 1.56 : | 11.9 | 8.7 11.0 : | 15.4 | 4.2 18.7 : | 1,123 | - .6 3.00 | | | | | | | | | | |
| | 200 | - .5 3.30 : | 232 | 7.1 1.56 : | 5.0 | - 3.1 11.1 : | 6.5 | 1.5 22.1 : | 449 | 2.9 2.80 | | | | | | | | | | |
| | 82 | - 5.6 3.35 : | 43 | 4.1 1.49 : | 1.1 | 6.3 11.2 : | 1.3 | 4.0 23.7 : | 130 | - 2.6 3.07 | | | | | | | | | | |
| | 328 | - .1 3.45 : | 92 | 2.4 1.36 : | 2.8 | 3.0 11.2 : | 4.8 | 7.5 21.9 : | 436 | .4 3.34 | | | | | | | | | | |
| 99 | - .8 3.38 : | 69 | 10.2 1.71 : | 1.9 | - 2.9 11.2 : | 2.9 | 3.1 22.7 : | 179 | 3.7 3.19 | | | | | | | | | | | |
| 58 | - .7 3.35 : | 74 | 8.3 1.83 : | 1.9 | 4.8 11.3 : | 1.2 | 7.0 26.6 : | 140 | 4.3 3.08 | | | | | | | | | | | |
| 2,045 | - 3.2 3.34 : | 1,111 | 7.3 1.50 : | 32.0 | 4.3 11.0 : | 44.0 | .3 21.6 : | 3,292 | .4 3.10 | | | | | | | | | | | |

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers.

2/ See page 7 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Plain and flavored whole milk.

4/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

5/ Light, heavy, and sour cream, and cream dips.

6/ Includes eggnog and yogurt.

7/ Percentage changes over the previous year are based on the same number of comparable markets. As a result, Middle Atlantic excludes the Middle Atlantic market, West North Central excludes the Upper Midwest market, and East South Central excludes the Tennessee Valley market, and West South Central excludes the Greater Louisiana and New Orleans-Mississippi markets. These markets also are excluded from the total percentage change.

Table 10.—Packaged sales of milk and cream mixtures, cream items, yogurt, and eggnog by handlers regulated under Federal order markets, for those markets where comparable data are available, January 1976 to date, with comparisons 1/

| Item | January | | | | | February | | | | | March | | | | | April | | | | |
|-------------------------|-------------------|------|-------|-------|---------|-------------------|------|-------|-------|---------|-------------------|------|-------|-------|---------|-------------------|------|-------|-------|---------|
| | :Change in sales: | | | | | :Change in sales: | | | | | :Change in sales: | | | | | :Change in sales: | | | | |
| | : 1976/1975 2/ | | | | | : 1976/1975 2/ | | | | | : 1976/1975 2/ | | | | | : 1976/1975 2/ | | | | |
| | Sales | lb. | Pct. | Month | to date | Sales | lb. | Pct. | Month | to date | Sales | lb. | Pct. | Month | to date | Sales | lb. | Pct. | Month | to date |
| Milk and cream mixtures | 25,047 | 11.0 | 3.7 | 3.7 | 3.7 | 23,639 | 11.2 | 0.6 | 2.2 | 2.2 | 26,465 | 11.1 | 5.4 | 3.3 | 3.3 | 25,941 | 11.1 | 7.4 | 4.3 | 4.3 |
| Light cream | 5,767 | 17.3 | 9.9 | 9.9 | 9.9 | 5,287 | 18.2 | -4.3 | 1.7 | 1.7 | 6,088 | 18.3 | -2.7 | 0.7 | 0.7 | 5,346 | 18.5 | -14.2 | -3.3 | -3.3 |
| Heavy cream | 4,199 | 34.3 | 4.8 | 4.8 | 4.8 | 4,491 | 34.3 | 3.5 | 4.2 | 4.2 | 5,392 | 34.0 | -11.2 | -2.4 | -2.4 | 6,352 | 33.7 | 27.4 | 5.3 | 5.3 |
| Sour cream | 12,857 | 17.5 | 2.0 | 2.0 | 2.0 | 12,933 | 16.8 | -4.4 | 0.8 | 0.8 | 14,557 | 16.9 | 0 | 0 | 0 | 14,910 | 16.9 | 13.3 | 3.7 | 3.7 |
| Total cream items | 22,822 | 20.6 | 4.4 | 4.4 | 4.4 | 22,710 | 20.6 | -6 | 1.9 | 1.9 | 26,037 | 20.7 | -3.2 | 0 | 0 | 26,608 | 21.2 | 9.2 | 2.3 | 2.3 |
| Yogurt | 11,541 | 1.9 | 31.9 | 31.9 | 31.9 | 12,985 | 1.9 | 19.6 | 25.2 | 25.2 | 15,145 | 1.9 | 32.2 | 27.8 | 27.8 | 14,160 | 1.8 | 8.2 | 22.0 | 22.0 |
| Eggnog | 172 | 6.0 | --- | --- | --- | 80 | 4.4 | --- | --- | --- | 66 | 5.9 | --- | --- | --- | 141 | 6.4 | --- | --- | --- |
| May | | | | | | | | | | | | | | | | | | | | |
| Milk and cream mixtures | 26,033 | 11.1 | 1.9 | 23.8 | 23.8 | 24,649 | 11.1 | 5.1 | 4.3 | 4.3 | 25,876 | 11.1 | 4.7 | 4.4 | 4.4 | 24,600 | 11.2 | 0.6 | 3.9 | 3.9 |
| Light cream | 5,146 | 17.9 | -16.8 | -6.2 | -6.2 | 5,313 | 17.9 | -8.7 | -6.5 | -6.5 | 5,046 | 17.8 | -13.1 | -7.4 | -7.4 | 5,058 | 17.6 | -9.5 | -7.7 | -7.7 |
| Heavy cream | 6,019 | 34.0 | -5 | 3.9 | 3.9 | 5,441 | 34.0 | -11.3 | 0.4 | 0.4 | 5,320 | 34.2 | -1.7 | 0 | 0 | 4,491 | 34.4 | 2.8 | 0.3 | 0.3 |
| Sour cream | 14,432 | 16.9 | 1.5 | 3.2 | 3.2 | 14,444 | 16.9 | 6.3 | 4.6 | 4.6 | 14,996 | 17.0 | 8.8 | 5.3 | 5.3 | 14,657 | 16.9 | 10.4 | 5.9 | 5.9 |
| Total cream items | 25,597 | 21.1 | -3.2 | 1.1 | 1.1 | 25,199 | 20.8 | -1.3 | 1.0 | 1.0 | 25,362 | 20.8 | 1.4 | 1.1 | 1.1 | 24,206 | 20.3 | 4.2 | 1.5 | 1.5 |
| Yogurt | 13,390 | 1.9 | 6.8 | 18.6 | 18.6 | 12,955 | 1.8 | 13.5 | 18.8 | 18.8 | 11,994 | 1.8 | 3.6 | 16.5 | 16.5 | 12,747 | 1.9 | 20.0 | 16.9 | 16.9 |
| Eggnog | 16 | 8.1 | --- | --- | --- | 27 | 9.1 | --- | --- | --- | 71 | 16.4 | --- | --- | --- | 15 | 8.7 | --- | --- | --- |
| September | | | | | | | | | | | | | | | | | | | | |
| Milk and cream mixtures | 23,711 | 11.1 | 0 | 3.4 | 3.4 | 24,448 | 11.1 | -1.5 | 2.9 | 2.9 | 26,045 | 11.1 | 9.3 | 3.5 | 3.5 | 27,252 | 11.0 | 4.3 | 3.6 | 3.6 |
| Light cream | 4,878 | 17.6 | -16.2 | -8.6 | -8.6 | 4,912 | 17.5 | -19.2 | -9.7 | -9.7 | 5,531 | 18.7 | -12.5 | -10.0 | -10.0 | 5,585 | 18.6 | -21.7 | -11.2 | -11.2 |
| Heavy cream | 4,248 | 32.9 | 3.4 | 6 | 6 | 4,175 | 34.2 | 5.5 | 0.6 | 0.6 | 8,675 | 33.9 | 5.3 | 1.3 | 1.3 | 8,991 | 34.1 | -2 | 1.1 | 1.1 |
| Sour cream | 13,939 | 17.1 | 6.3 | 6.0 | 6.0 | 13,666 | 16.8 | 1.5 | 5.6 | 5.6 | 17,009 | 16.8 | 12.4 | 6.4 | 6.4 | 22,234 | 16.6 | 8.1 | 6.6 | 6.6 |
| Total cream items | 23,065 | 20.1 | 1 | 1.3 | 1.3 | 22,753 | 20.2 | -4.0 | 0.8 | 0.8 | 31,215 | 21.9 | 5.1 | 1.3 | 1.3 | 36,810 | 21.2 | 0.3 | 1.2 | 1.2 |
| Yogurt | 12,602 | 1.9 | 15.1 | 16.7 | 16.7 | 11,941 | 1.9 | 7.8 | 15.8 | 15.8 | 10,892 | 2.0 | 20.4 | 16.2 | 16.2 | 9,082 | 2.0 | 14.8 | 16.1 | 16.1 |
| Eggnog | 69 | 10.5 | --- | --- | --- | 67 | 8.5 | --- | --- | --- | 13,488 | 7.7 | --- | --- | --- | 38,797 | 7.5 | --- | --- | --- |

1/ Total packaged disposition in and out of the marketing area by regulated pool plants. Excludes New York-New Jersey, Middle Atlantic, Greater Louisiana, and New Orleans-Mississippi, January-present. Excludes Upper Midwest, June-present. Excludes Tennessee Valley October to present.

2/ Percentage changes over the previous year are based on the same number of comparable markets. Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

Table 12.--Milk, skim milk and cream utilized in the manufacture of dairy products by handlers regulated under Federal milk order markets, grouped by regions, December 1976 ^{1/}

| Region ^{2/} | Butter | Cheese | Frozen desserts | Cottage cheese | Skim milk powder | Condensed milk ^{3/} | Class II/III : milk solids : used to : fortify : Class I : | Other fac- tory products and uses ^{4/} | TOTAL |
|------------------------------------|---------|-----------|--------------------|-------------------|------------------------|---------------------------------|--|---|-----------|
| Product Pounds | | | | | | | | | |
| 1,000 lbs. | | | | | | | | | |
| New England and Middle Atlantic | 6,101 | 88,530 | 32,516 | 31,386 | 61,418 | 53,961 | 4,281 | 28,791 | 306,984 |
| South Atlantic | 3,076 | 16,812 | 15,311 | 4,244 | 6,934 | 383 | 4,661 | 8,896 | 60,317 |
| East North Central | 45,210 | 516,793 | 50,009 | 101,609 | 178,365 | 88,554 | 7,304 | 78,279 | 1,066,124 |
| West North Central | 28,603 | 406,678 | 20,281 | 33,532 | 192,128 | 12,132 | 3,536 | 23,619 | 720,510 |
| East South Central | 3,241 | 17,922 | 7,476 | 3,767 | 10,733 | 1,891 | 1,283 | 7,036 | 53,449 |
| West South Central | 7,350 | 50,149 | 17,032 | 17,958 | 20,196 | 14,919 | 6,236 | 20,746 | 154,586 |
| Mountain | 2,149 | 39,274 | 12,806 | 17,259 | 3,781 | 742 | 2,971 | 4,976 | 83,957 |
| Pacific | 7,838 | 45,880 | 8,683 | 16,603 | 41,680 | 3,854 | 808 | 5,018 | 130,365 |
| TOTAL ^{5/} | 103,668 | 1,182,038 | 164,114 | 226,359 | 515,235 | 176,436 | 31,080 | 177,261 | 2,576,291 |
| Butterfat Pounds | | | | | | | | | |
| 1,000 lbs. | | | | | | | | | |
| New England and Middle Atlantic | 3,162 | 3,389 | 5,119 | 333 | 219 | 887 | 0 | 1,707 | 14,816 |
| South Atlantic | 1,155 | 695 | 1,708 | 171 | 44 | 14 | 0 | 484 | 4,272 |
| East North Central | 17,380 | 21,259 | 6,548 | 1,179 | 249 | 903 | 0 | 3,231 | 50,749 |
| West North Central | 12,070 | 15,711 | 2,481 | 379 | 152 | 91 | 6/ | 946 | 31,830 |
| East South Central: | 1,233 | 824 | 657 | 33 | 0 | 74 | 0 | 310 | 3,130 |
| West South Central: | 2,453 | 1,730 | 2,069 | 177 | 19 | 388 | 0 | 1,075 | 7,911 |
| Mountain | 834 | 1,461 | 1,124 | 153 | 2 | 27 | 0 | 234 | 3,835 |
| Pacific | 2,876 | 1,775 | 926 | 160 | 34 | 139 | 6/ | 292 | 6,202 |
| TOTAL ^{5/} | 41,163 | 46,844 | 20,633 | 2,584 | 719 | 2,524 | 6/ | 8,278 | 122,746 |

^{1/} Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

^{2/} See page 7 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

^{3/} Includes condensed skim milk and condensed whole milk.

^{4/} "Other factory products" include evaporated whole milk, milk, skim milk, and cream used in food products, whole milk powder, and aerated frozen and plastic cream. Other "uses" include milk, skim milk, and cream used for animal feed, dumped or spilled, plant loss, and unidentified.

^{5/} Totals may not add due to rounding.

^{6/} Less than 500 pounds.

Table 13.--Percentage of whole milk equivalent used in the production of manufactured dairy products, in Federal order markets, January 1976 to date, with comparisons 1/

| Manufactured dairy products | January | | February | | March | | April | | May | | June | |
|-----------------------------|---------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1976 | 1975 | 1976 | 1975 | 1976 | 1975 | 1976 | 1975 | 1976 | 1975 | 1976 | 1975 |
| | Percent | | | | | | | | | | | |
| Butter | 33.4 | 35.5 | 32.1 | 35.5 | 29.2 | 32.8 | 28.7 | 33.4 | 28.9 | 30.1 | 25.3 | 25.5 |
| Cheese | 33.8 | 30.2 | 34.2 | 30.3 | 34.4 | 33.4 | 36.3 | 31.4 | 37.2 | 33.6 | 37.0 | 35.2 |
| Frozen desserts | 19.8 | 19.6 | 20.9 | 20.3 | 23.7 | 20.8 | 22.5 | 21.8 | 21.2 | 23.7 | 24.5 | 26.7 |
| Cottage cheese | 2.5 | 2.7 | 2.6 | 2.9 | 2.9 | 2.8 | 2.6 | 2.7 | 2.6 | 2.7 | 2.7 | 2.7 |
| All other 2/ | 10.5 | 12.0 | 10.2 | 11.0 | 9.8 | 10.2 | 9.9 | 10.7 | 10.1 | 9.9 | 10.5 | 9.9 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

| Manufactured dairy products | July | | August | | September | | October | | November | | December | |
|-----------------------------|---------|-------|--------|-------|-----------|-------|---------|-------|----------|-------|----------|-------|
| | 1976 | 1975 | 1976 | 1975 | 1976 | 1975 | 1976 | 1975 | 1976 | 1975 | 1976 | 1975 |
| | Percent | | | | | | | | | | | |
| Butter | 24.7 | 20.9 | 24.0 | 19.6 | 26.0 | 24.0 | 30.6 | 28.3 | 31.0 | 28.8 | 33.5 | 31.1 |
| Cheese | 37.2 | 35.1 | 36.1 | 34.0 | 34.9 | 29.5 | 35.6 | 29.4 | 36.3 | 31.1 | 38.2 | 33.7 |
| Frozen desserts | 25.9 | 30.9 | 27.4 | 32.6 | 26.7 | 32.2 | 22.2 | 28.4 | 21.1 | 25.7 | 16.8 | 21.4 |
| Cottage cheese | 2.7 | 3.1 | 2.9 | 3.0 | 2.7 | 2.9 | 2.3 | 2.8 | 2.4 | 2.5 | 2.1 | 2.2 |
| All other 2/ | 9.5 | 10.0 | 9.6 | 10.8 | 9.7 | 11.4 | 9.3 | 11.1 | 9.2 | 11.9 | 9.4 | 11.6 |
| | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.

2/ Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and skim milk powder, aerated, frozen and plastic cream; and cream and cheese dips; and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

Table 14.---Federal order base and excess prices for milk of 3.5 percent butterfat content, January 1/

| Marketing area | Base price | Excess price | Marketing area | Base price | Excess price |
|------------------|---------------------|--------------|-------------------|---------------------|--------------|
| | January | January | | January | January |
| | 1977 | 1976 : 1977 | | 1977 | 1976 : 1977 |
| | Dollars per 100 lb. | | | Dollars per 100 lb. | |
| Central Arkansas | | | Nashville | | |
| Fort Smith | | | Oregon-Washington | 9.57 | 8.19 |
| Georgia 2/ | 10.39 | 8.19 | Puget Sound 2/ | 10.05 | 8.19 |
| Memphis | | | Southern Michigan | 9.34 | 8.19 |
| Middle Atlantic | 10.28 | 8.17 | | | 8.90 |

1/ See footnotes on table 2 for location at which price is reported.

2/ Class I base plan.

Table 15.--Seasonal incentive fund included under various Federal milk orders, January

[illegible]

1/ The payback period of the Louisville Plan changed from the months of October through January to the months of September through December.

Table 16.--Dairy product prices and manufacturing milk prices January 1977 to date, with comparisons

| Month | Dairy product market prices | | | | | | | | | | | |
|-----------------|-----------------------------|----------|------------------------|--------|--------------------|---------------|-----------------------|--------------------------------|-------|-------|------|------|
| | BUTTER 1/ | | CHEDDAR CHEESE 1/ | | NONFAT DRY MILK 2/ | | DRIED WHEY, EDIBLE 1/ | | | | | |
| | :: | | :: | | :: | | :: | | | | | |
| | Chicago | New York | Wis. assembling points | Blocks | Chicago area plant | Spray process | Nonhygro/Hygro 3/ | Central States Production Area | | | | |
| 92-Score | 93-Score | 93-Score | Barrel | 1976 | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 |
| 1977 | 1976 | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 | 1977 |
| Cents per pound | | | | | | | | | | | | |
| January | 90.82 | 86.12 | 89.87 | 84.01 | 95.81 | 92.62 | 100.44 | 66.04 | 62.53 | 66.04 | 8.10 | 6.67 |
| February | | 80.94 | 84.81 | | 86.44 | | 90.03 | | 64.25 | | | 5.91 |
| March | | 86.05 | 91.42 | | 90.62 | | 94.42 | | 63.37 | | | 5.40 |
| April | | 89.52 | 93.88 | | 91.94 | | 96.88 | | 62.90 | | | 5.26 |
| May | | 89.88 | 94.50 | | 89.75 | | 94.94 | | 62.71 | | | 5.20 |
| June | | 95.02 | 99.88 | | 89.85 | | 95.52 | | 62.69 | | | 5.36 |
| July | | 105.75 | 110.00 | | 94.62 | | 100.12 | | 62.79 | | | 5.54 |
| August | | 106.24 | 109.69 | | 99.25 | | 106.19 | | 62.62 | | | 6.48 |
| September | | 92.39 | 98.81 | | 91.52 | | 98.08 | | 62.77 | | | 6.89 |
| October | | 90.77 | 95.31 | | 88.31 | | 93.31 | | 62.78 | | | 7.40 |
| November | | 90.82 | 94.00 | | 86.28 | | 92.88 | | 62.60 | | | 8.04 |
| December | | 90.82 | 94.00 | | 85.70 | | 92.82 | | 62.58 | | | 8.32 |
| Average | | 92.03 | 96.35 | | 90.84 | | 96.30 | | 63.18 | | | 6.37 |

| Prices paid for manufacturing grade milk, 3.5% butterfat content | | | | | | |
|--|------------------------------------|------|-------------------------------|------|------|--|
| Month | Minn.-Wis. Manuf. grade milk 4/ | | Butter powder "Snubber" 5/ | | | |
| | 1977 | 1976 | 1977 | 1976 | | |
| | Dollars per 100 lb. | | | | | |
| January | 8.19 | 8.90 | 8.46 | | 8.55 | |
| February | | 8.25 | | | 8.19 | |
| March | | 8.60 | | | 8.33 | |
| April | | 8.44 | | | 8.44 | |
| May | | 8.30 | | | 8.44 | |
| June | | 8.32 | | | 8.65 | |
| July | | 8.71 | | | 9.11 | |
| August | | 8.99 | | | 9.12 | |
| September | | 8.46 | | | 8.55 | |
| October | | 8.26 | | | 8.48 | |
| November | | 8.26 | | | 8.47 | |
| December | | 8.25 | | | 8.47 | |

1/ "Dairy Market News," AMS. 2/ 26th of preceding month through 25th of current month, as reported by SRS. 3/ Simple average of hygroscopic and nonhygroscopic. 4/ Average price as reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by SRS. 5/ (Chicago 92-score butter price converted by using 92-score butter price times 0.120.

5/ (Chicago 92-score butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

Table 17.—U.S. milk prices, U.S. milk feed ratio, and general price measures, January 1977, with comparisons

| Month | U.S. milk prices | | | | | | | | | | U.S. milk prices, 3.5 percent butterfat basis 1/ | | | | | | | | | | U.S. milk-feed price ratio 2/ 4/ | | | | | | | | | | | | | |
|---------|------------------------------------|--|-------------------------|-----------------------|-------------------|---------------------------|--------|--------|--------|--------|---|---|---------------------------------|---------------------------------|---|--------|--------|--------|--------|--------|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|
| | All milk wholesale 2/ 1977** | Manufacturing grade milk 2/ 1977** | Parity: Price : cent | Parity: Price : at | Av. fat : test | % of parity : price | 1977** | 1976** | 1977** | 1976** | Milk eligible for fluid market 2/ 1977** | Manufacturing grade milk 2/ 1977** | American cheese 3/ 1977** | Evaporated milk 3/ 1977** | Paid farmers for milk used in: Butter 2/ 1977** | 1976** | 1977** | 1976** | 1977** | 1976** | 1977** | 1976** | 1977** | 1976** | 1977** | 1976** | 1977** | 1976** | 1977** | 1976** | 1977** | 1976** | 1977** | |
| | 12.60 | 9.65 | 74 | 10.67 | 8.48 | 3.79 | 78.3 | 9.30 | 9.89 | 9.57 | 10.19 | 8.16 | 8.79 | 8.08 | 8.76 | 8.15 | 8.83 | 8.10 | 8.35 | 8.11 | 8.35 | 8.11 | 8.35 | 8.11 | 8.35 | 8.11 | 8.35 | 8.11 | 8.35 | 8.11 | 8.35 | 8.11 | 8.35 | 1.75 |
| Jan. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.66 |
| Feb. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.60 | |
| Mar. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.51 | |
| Apr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.42 | |
| May | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.42 | |
| June | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.52 | |
| July | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.53 | |
| Aug. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.58 | |
| Sept. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| Oct. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| Nov. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| Dec. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| Si. av: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.57 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Dollars per 100 pound

| Month | General price measures | | | | | | | | | | | | | | | | Price indexes | | | | | | | |
|------------------|------------------------|-----|-----|-----|---------------------------|-----|-----|-----|--------------|-----|-------|-------|-----------------|-------|-------|-------|----------------|--|--|--|--|--|--|--|
| | Prices paid by farmers | | | | Price received by farmers | | | | Parity ratio | | | | Wholesale B/ | | | | Retail 9/ | | | | | | | |
| | All farm products | | | | Livestock & products | | | | 2/10/ | | | | All commodities | | | | Dairy products | | | | | | | |
| | 1977 : 1976 | | | | 1977 : 1976 | | | | 1977 : 1976 | | | | 1977 : 1976 | | | | 1977 : 1976 | | | | | | | |
| | 1977 : 1976 | | | | 1977 : 1976 | | | | 1977 : 1976 | | | | 1977 : 1976 | | | | 1977 : 1976 | | | | | | | |
| Indexes 1967=100 | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 198 | 189 | 183 | 186 | 170 | 183 | 192 | 203 | 92 | 98 | 188.0 | 179.3 | 166.8 | 169.7 | 166.7 | 180.8 | 168.2 | | | | | | | |
| February | | 191 | 187 | 187 | | 183 | | 194 | | 98 | | 179.3 | | 163.4 | | 167.1 | 168.5 | | | | | | | |
| March | | 191 | 186 | 186 | | 178 | | 193 | | 97 | | 179.6 | | 166.7 | | 178.7 | 167.9 | | | | | | | |
| April | | 191 | 189 | 189 | | 186 | | 188 | | 99 | | 181.3 | | 167.7 | | 168.2 | 167.9 | | | | | | | |
| May | | 191 | 191 | 191 | | 185 | | 183 | | 100 | | 181.8 | | 169.2 | | 180.0 | 167.4 | | | | | | | |
| June | | 193 | 196 | 196 | | 184 | | 181 | | 102 | | 183.1 | | 167.0 | | 180.9 | 167.9 | | | | | | | |
| July | | 194 | 195 | 195 | | 179 | | 187 | | 101 | | 184.3 | | 170.0 | | 182.1 | 168.0 | | | | | | | |
| August | | 193 | 187 | 187 | | 175 | | 194 | | 97 | | 183.7 | | 173.9 | | 182.4 | 169.0 | | | | | | | |
| September | | 193 | 187 | 187 | | 172 | | 196 | | 97 | | 184.7 | | 170.3 | | 171.1 | 171.1 | | | | | | | |
| October | | 192 | 178 | 178 | | 165 | | 199 | | 93 | | 185.2 | | 169.5 | | 181.6 | 172.7 | | | | | | | |
| November | | 192 | 173 | 173 | | 162 | | 197 | | 90 | | 185.6 | | 168.1 | | 181.1 | 171.7 | | | | | | | |
| December | | 193 | 179 | 179 | | 168 | | 194 | | 93 | | 187.1 | | 174.3 | | 181.7 | 174.4 | | | | | | | |
| Average | | 192 | 186 | 186 | | 177 | | 192 | | 97 | | 182.9 | | 168.4 | | 180.8 | 169.3 | | | | | | | |

* Preliminary. ** Based on partially revised data. 1/ Converted by using Chicago 92-score butter times 0.120. 2/ "Agricultural Prices," SMS.

3/ "Dairy Products," SMS. 4/ Pounds of concentrate ration equal in value to one pound of milk sold to plants. 5/ Parity prices shown are based on data for the current month. 6/ Seasonally adjusted. 7/ Price at test adjusted to a 3.67 percent fat test by using Chicago 92-score butter times 0.120 as a percentage of parity price equivalent. 8/ "Wholesale Prices and Price Index," BIS. 9/ "Consumer Price Index," BIS. 10/ For commodities and services, interest, taxes, and wage rates. 11/ Ratio of the Index of Prices Received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

Table 18.—Retail price paid by consumers for dairy products, United States, January 1977 to date, with comparisons 1/

| Month | Whole milk and skim milk | | | | Ice cream prepackaged 4/ | Cheese American process 4/ | Butter 2/ | | | |
|---------|--------------------------|--------------|------|------|-----------------------------|----------------------------------|-----------------|------|-------|-------|
| | At stores | | | | | | | | | |
| | Whole milk 2/ | Skim milk 3/ | | | | | | | | |
| | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 | | |
| | Cents per 1/2 gal. | | | | Cents per 1/2 gal. | | Cents per 1 lb. | | | |
| Jan. | 83.2 | 82.1 | 79.2 | 77.8 | 130.5 | 125.6 | 87.9 | 86.2 | 127.0 | 129.8 |
| Feb. | | 82.7 | | 77.4 | | 126.8 | | 86.7 | | 123.1 |
| Mar. | | 82.8 | | 77.7 | | 125.6 | | 85.6 | | 117.8 |
| Apr. | | 82.6 | | 77.7 | | 125.8 | | 84.9 | | 119.8 |
| May | | 82.0 | | 77.4 | | 125.3 | | 85.7 | | 120.6 |
| June | | 82.2 | | 77.7 | | 126.7 | | 85.8 | | 121.1 |
| July | | 81.9 | | 77.3 | | 125.2 | | 85.8 | | 125.9 |
| Aug. | | 82.0 | | 77.1 | | 126.3 | | 86.2 | | 133.2 |
| Sept. | | 82.9 | | 78.4 | | 128.4 | | 87.7 | | 135.0 |
| Oct. | | 84.3 | | 79.3 | | 130.2 | | 88.2 | | 131.0 |
| Nov. | | 83.7 | | 79.4 | | 128.7 | | 87.4 | | 128.9 |
| Dec. | | 83.3 | | 79.1 | | 131.1 | | 87.7 | | 127.3 |
| Si. av. | 83.2 | 82.7 | 79.2 | 78.0 | 130.5 | 127.1 | 87.9 | 86.5 | 127.0 | 126.1 |

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Department of Labor.
2/ 56-city average. 3/ 25-city average. 4/ 45-city average.

Table 19.—Prevailing prices paid by consumers for the most common grade of whole milk, skim milk, ice cream, cheese, American process, and butter, 23 cities, January 1977, with comparisons 1/

| Market | Prices at stores | | | | Ice cream | | Cheese | | Butter | |
|--------------------------|-----------------------|-----------|-----------|-----------|------------------------------|-----------|-----------------------------|-----------|---------------|-------|
| | | | | | prepackaged | | American process | | | |
| | Whole milk | | Skim milk | | | | | | | |
| | Jan. 1977 | Jan. 1976 | Jan. 1977 | Jan. 1976 | Jan. 1977 | Jan. 1976 | Jan. 1977 | Jan. 1976 | Jan. 1977 | |
| | Cents per half gallon | | | | Cents per $\frac{1}{2}$ gal. | | Cents per $\frac{1}{2}$ lb. | | Cents per lb. | |
| Atlanta, Ga. | 101.2 | 98.2 | — | — | 117.9 | 104.0 | 90.6 | 88.1 | 133.6 | 125.6 |
| Baltimore, Md. | 85.3 | 83.0 | — | — | 124.7 | 112.2 | 88.9 | 87.1 | 127.5 | 129.6 |
| Boston, Mass. | 79.1 | 77.5 | — | — | 147.4 | 145.1 | 81.1 | 79.7 | 119.7 | 128.9 |
| Buffalo, N.Y. | 86.5 | 83.3 | — | — | 121.6 | 115.8 | 82.7 | 82.9 | 114.1 | 118.9 |
| Chicago, Ill.-NW. Ind. | 81.7 | 80.1 | 81.5 | — | 123.2 | 123.0 | 82.1 | 80.2 | 125.3 | 126.7 |
| Cincinnati, Ohio | 85.5 | 84.0 | 82.7 | 80.5 | 120.7 | 117.6 | 83.8 | 82.4 | 136.9 | 136.4 |
| Cleveland, Ohio | 75.8 | 68.9 | — | — | 119.6 | 106.9 | 93.2 | 88.6 | 124.1 | 119.6 |
| Dallas, Texas | 87.0 | 84.0 | 84.5 | 79.2 | 129.0 | 120.7 | 85.6 | 85.9 | 133.7 | 122.2 |
| Detroit, Mich. | 76.1 | 80.2 | — | — | 126.8 | 114.0 | 87.4 | 84.4 | 121.2 | 119.3 |
| Honolulu, Hawaii | 110.7 | 104.0 | 108.0 | 102.4 | 156.6 | 157.7 | 106.0 | 97.1 | 140.3 | 150.3 |
| Houston, Texas | 98.1 | 95.4 | 92.7 | 94.6 | 148.7 | 149.7 | 96.0 | 95.3 | 138.0 | 141.4 |
| Kansas City, Mo. | 80.8 | 85.9 | 78.3 | 83.6 | 127.2 | 126.8 | 88.0 | 88.4 | 142.6 | 140.4 |
| Los Ang.-L. Beach, Ca. | 69.3 | 68.9 | 59.4 | 59.2 | 116.8 | 112.1 | 88.9 | 91.0 | 124.5 | 136.6 |
| Milwaukee, Wisc. | 80.7 | 77.1 | 77.3 | 72.8 | 124.6 | 124.2 | 88.9 | 80.0 | 110.3 | 118.3 |
| Mpls.-St. Paul, Minn. | 74.9 | 76.8 | 60.8 | 63.4 | 132.0 | 118.5 | 93.1 | 89.6 | 115.0 | 115.9 |
| New York-NE N.J. | 86.0 | 84.8 | — | — | 157.8 | 160.4 | 88.9 | 88.3 | 136.1 | 137.4 |
| Philadelphia, Pa. | 87.8 | 85.1 | — | — | 148.6 | 141.4 | 81.4 | 79.3 | 134.2 | 135.9 |
| Pittsburgh, Pa. | 76.4 | 72.8 | 76.9 | 72.3 | 123.5 | 119.2 | 80.0 | 78.0 | 123.3 | 133.4 |
| St. Louis, Mo. | 82.4 | 82.1 | 79.5 | 77.6 | 130.7 | 120.0 | 87.2 | 81.8 | 128.6 | 125.9 |
| San Diego, Calif. | 70.6 | 69.5 | 60.9 | 61.1 | 126.8 | 119.8 | 91.0 | 92.1 | 127.0 | 136.6 |
| San Fran.-Oak, Calif. | 71.9 | 70.8 | — | — | 128.6 | 125.9 | 91.7 | 90.4 | 123.0 | 128.8 |
| Seattle, Wash. | 81.0 | 81.8 | 76.8 | 78.4 | 144.0 | 131.5 | 91.6 | 92.8 | 118.7 | 128.3 |
| Washington, D.C.-Md.-Va. | 85.6 | 84.2 | 71.2 | 77.0 | 153.0 | 139.6 | 89.6 | 85.0 | 127.7 | 137.7 |
| United States <u>2/</u> | 83.2 | 82.1 | 79.2 | 77.8 | 130.5 | 125.6 | 87.9 | 86.2 | 127.0 | 129.8 |

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Dept. of Labor. The primary use of these prices by BLS is for time-to-time rather than place-to-place comparisons.
2/ 56-city average for whole milk and butter, 25-city average for skim milk, and 45-city average for ice cream and cheese, at stores.

Table 20.—Prevailing prices paid by consumers for the most common grade of whole milk, skim milk, ice cream, cheese, American process, and butter, 23 cities, Annual 1976, with comparisons 1/

| Market | Prices at stores | | | Ice cream | | | Cheese | | | Butter | | |
|---------------------------|-----------------------|-------|-------|-----------|-------|-------|------------------|------|-------|--------|------|------|
| | Whole milk | | | Skim milk | | | American process | | | | | |
| | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 |
| | Cents per half gallon | | | | | | Cents per ½ lb. | | | | | |
| | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 | 1977 | 1976 |
| Atlanta, Ga. | 98.6 | 90.8 | — | — | 112.8 | 109.5 | 89.6 | 79.1 | 126.0 | 106.6 | | |
| Baltimore, Md. | 84.9 | 77.5 | — | — | 116.3 | 108.3 | 86.1 | 74.7 | 127.7 | 99.0 | | |
| Boston, Mass. | 77.9 | 73.8 | — | — | 144.2 | 136.3 | 82.4 | 71.1 | 131.2 | 100.5 | | |
| Buffalo, N.Y. | 85.4 | 78.1 | — | — | 118.2 | 112.3 | 82.0 | 74.1 | 114.3 | 95.2 | | |
| Chicago, Ill.—NW. Ind. | 82.4 | 77.5 | 79.2 | 73.0 | 123.6 | 122.3 | 80.4 | 75.1 | 121.6 | 98.8 | | |
| Cincinnati, Ohio | 83.8 | 83.4 | 80.6 | 78.4 | 115.9 | 127.2 | 83.7 | 73.1 | 135.2 | 110.3 | | |
| Cleveland, Ohio | 71.5 | 65.1 | — | — | 113.5 | 105.6 | 90.7 | 78.4 | 123.2 | 99.5 | | |
| Dallas, Texas | 85.9 | 81.9 | 79.2 | 75.9 | 122.6 | 115.4 | 85.3 | 76.5 | 131.4 | 108.9 | | |
| Detroit, Mich. | 76.3 | 75.5 | — | — | 114.1 | 110.3 | 85.0 | 75.0 | 118.4 | 98.0 | | |
| Honolulu, Hawaii | 108.2 | 104.1 | 106.6 | 102.5 | 157.9 | 151.2 | 103.3 | 87.7 | 141.4 | 112.3 | | |
| Houston, Texas | 96.8 | 92.6 | 95.6 | 91.3 | 145.4 | 137.3 | 100.9 | 85.4 | 140.4 | 112.5 | | |
| Kansas City, Mo. | 82.1 | 83.1 | 78.8 | 80.1 | 125.3 | 120.6 | 86.0 | 78.6 | 138.3 | 112.1 | | |
| Los Angeles-L. Beach, Ca. | 68.8 | 69.6 | 59.1 | 59.8 | 113.8 | 109.9 | 89.3 | 80.8 | 124.9 | 103.1 | | |
| Milwaukee, Wisc. | 78.5 | 70.0 | 74.6 | 66.7 | 125.5 | 117.6 | 86.9 | 73.5 | 113.3 | 94.3 | | |
| Mpls.-St. Paul, Minn. | 76.7 | 67.8 | 64.3 | 59.5 | 117.8 | 108.8 | 91.3 | 79.3 | 117.3 | 96.7 | | |
| New York-NE N.J. | 85.6 | 82.8 | — | — | 156.1 | 157.0 | 86.7 | 77.9 | 132.8 | 105.6 | | |
| Philadelphia, Pa. | 86.9 | 80.7 | — | — | 147.7 | 134.6 | 79.6 | 72.8 | 132.3 | 104.7 | | |
| Pittsburgh, Pa. | 76.7 | 74.7 | 76.3 | 73.7 | 121.5 | 112.3 | 77.7 | 73.0 | 120.8 | 100.1 | | |
| St. Louis, Mo. | 82.0 | 77.1 | 78.1 | 72.5 | 126.3 | 111.9 | 86.5 | 74.9 | 125.6 | 102.5 | | |
| San Diego, Calif. | 69.8 | 70.0 | 61.1 | 61.0 | 118.9 | 118.7 | 90.5 | 80.8 | 128.1 | 104.1 | | |
| San Fran.-Oak, Calif. | 70.7 | 71.5 | — | — | 121.9 | 123.3 | 90.7 | 80.0 | 121.3 | 98.8 | | |
| Seattle, Wash. | 81.6 | 80.1 | 77.2 | 77.7 | 137.2 | 129.6 | 91.0 | 81.0 | 121.5 | 102.9 | | |
| Washington, D.C.-Md.-Va. | 85.0 | 77.5 | 74.7 | 74.8 | 143.2 | 133.2 | 88.6 | 75.9 | 131.4 | 103.5 | | |
| United States 2/ | 82.7 | 78.5 | 78.0 | 74.4 | 127.1 | 122.3 | 86.5 | 76.8 | 126.1 | 102.5 | | |

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Dept. of Labor. The primary use of these prices by BLS is for time-to-time rather than place-to-place comparisons.

2/ 56-city average for whole milk and butter; 25-city average for skim milk; and 45-city average for ice cream and cheese, at stores.

Table 21.--U.S. production, January 1977 to date, with comparisons

| Month | Milk <u>1/</u> | | Butter <u>2/</u> | | Total cheese | | Nonfat dry milk <u>2/</u> | | Frozen desserts | |
|--------------|----------------|--------|------------------|--------|--------------|---------|---------------------------|--------|-----------------|---------|
| | 1977* | 1976** | 1977* | 1976** | 1977* | 1976** | 1977* | 1976** | 1977* | 1976** |
| | Bil. lb. | | Mil. lb. | | Mil. lb. | | Mil. lb. | | Mil. gals. | |
| Jan. | 9.9 | 9.6 | 105.6 | 94.3 | 264.8 | 249.0 | 71.5 | 67.0 | 69.9 | 74.4 |
| Feb. | | 9.3 | | 85.4 | | 241.2 | | 71.1 | | 77.3 |
| Mar. | | 10.3 | | 89.3 | | 275.0 | | 78.4 | | 102.0 |
| Apr. | | 10.5 | | 87.6 | | 297.0 | | 87.6 | | 99.9 |
| May | | 11.1 | | 94.0 | | 313.6 | | 104.9 | | 100.6 |
| June | | 10.8 | | 84.0 | | 320.0 | | 108.9 | | 118.1 |
| July | | 10.5 | | 72.4 | | 296.6 | | 94.7 | | 119.2 |
| Aug. | | 10.1 | | 66.0 | | 284.0 | | 75.2 | | 113.9 |
| Sept. | | 9.6 | | 63.4 | | 267.5 | | 61.2 | | 101.2 |
| Oct. | | 9.6 | | 78.2 | | 256.2 | | 61.6 | | 81.6 |
| Nov. | | 9.2 | | 77.3 | | 252.1 | | 54.5 | | 75.8 |
| Dec. | | 9.7 | | 91.8 | | 274.9 | | 72.8 | | 72.9 |
| Year to date | 9.9 | 120.4 | 105.6 | 983.8 | 264.8 | 3,327.1 | 71.5 | 937.6 | 69.9 | 1,136.9 |

* Preliminary.

** Partially revised.

1/ "Milk Production," SRS.2/ "Dairy Products," SRS. Frozen desserts include ice cream, ice milk, and sherbert.

Table 22.--Commercial and government storage holdings, January 1977 to date, with comparisons

| Month | Storage Holdings <u>1/</u> | | | | | | | | | | | |
|-------|----------------------------|-------|-------|--------|------------------------|-------|-------|--------|-----------------|-------|-------|--------|
| | Butter <u>2/</u> | | | | Total Cheese <u>2/</u> | | | | Nonfat dry milk | | | |
| | Commer- | | Gov't | | Commer- | | Gov't | | Commer- | | Gov't | |
| | cial | 1977* | 1977* | 1976** | cial | 1977* | 1977* | 1976** | cial | 1977* | 1977* | 1976** |
| | 1977 | | | | 1977 | | | | 1977 | | | |
| | Million pounds | | | | Million pounds | | | | Million pounds | | | |
| Jan. | 38.8 | 30.7 | 69.5 | 9.3 | 479.5 | 4.2 | 483.7 | 362.3 | 87.8 | 373.8 | 461.6 | 453.7 |
| Feb. | | | | 16.5 | | | | 365.9 | | | | 460.3 |
| Mar. | | | | 31.2 | | | | 371.1 | | | | 475.6 |
| Apr. | | | | 44.5 | | | | 393.0 | | | | 442.0 |
| May | | | | 69.1 | | | | 435.6 | | | | 463.6 |
| June | | | | 80.9 | | | | 480.6 | | | | 479.5 |
| July | | | | 83.1 | | | | 511.3 | | | | 497.2 |
| Aug. | | | | 82.4 | | | | 518.1 | | | | 505.6 |
| Sept. | | | | 68.1 | | | | 522.5 | | | | 494.8 |
| Oct. | | | | 60.7 | | | | 501.4 | | | | 496.0 |
| Nov. | | | | 47.4 | | | | 481.9 | | | | 479.7 |
| Dec. | | | | 47.1 | | | | 478.4 | | | | 479.7 |

* Preliminary.

** Based on partially revised data.

1/ End of month.2/ "Cold Storage Reports," SRS.3/ "Dairy Products," SRS.4/ "Summary of Processed Commodities in Store," ASCS.

Table 23.--U.S.D.A. purchases (Delivery basis), January 1977 to date, with comparisons

| Month | Butter 1/ 1977 | Butter 1/ 1976 | American cheese 1/ 1977 | American cheese 1/ 1976 | Nonfat dry milk 1977 | Nonfat dry milk 1976 | Milk equivalent of net U.S.D.A. purchases 2/ 1977 | Milk equivalent of net U.S.D.A. purchases 2/ 1976 |
|-----------------|-------------------|-------------------|----------------------------|----------------------------|-------------------------|-------------------------|---|---|
| | 1,000 lb. | 1,000 lb. | 1,000 lb. | 1,000 lb. | 1,000 lb. | 1,000 lb. | Mil. lb. | Mil. lb. |
| Jan. | 32,411 | 0 | 17,849 | 0 | 32,801 | 6,723 | 846 | 5 |
| Feb. | | 0 | | 0 | | 6,566 | | 6 |
| Mar. | | 0 | | 0 | | 13,367 | | 5 |
| Apr. | | 384 | | 504 | | 18,098 | | 20 |
| May | | 0 | | 1,109 | | 25,345 | | 15 |
| June | | 0 | | 3,058 | | 33,077 | | 33 |
| July | | 0 | | 6,216 | | 38,519 | | 64 |
| Aug. | | 0 | | 0 | | 27,518 | | 3 |
| Sept. | | 0 | | 0 | | 19,345 | | 2 |
| Oct. | | 4,864 | | 403 | | 16,279 | | 18 |
| Nov. | | 14,215 | | 8,721 | | 24,490 | | 383 |
| Dec. | | 19,953 | | 17,969 | | 28,852 | | 592 |
| Year to date | 32,411 | 39,416 | 17,849 | 37,980 | 32,801 | 258,179 | 3/ 846 | 4/ 1, 46 |

1/ "Dairy Price Support Activity Report," ASCS.

2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; include purchases under price support, Section 709, Section 32, and Section 4A programs. Minuses denote domestic sales exceed purchases.

3/ Includes 7 million pounds (milk equivalent) of evaporated milk.

4/ Includes 47 million pounds (milk equivalent) of evaporated milk.

Producer-Handlers in Federal Milk Order Markets*

The Farmer-to-Consumer Direct Marketing Act of 1976, which became law in October, has as its purpose to promote, through appropriate means and on an economically sustainable basis, the development and expansion of direct marketing of agricultural commodities from farmers to consumers. One example of this marketing concept exists today in the dairy industry—producer-handlers. Basically, a producer-handler (producer-distributor) is a dairy farmer who bottles milk from his own cows in his own plant and sells these products directly to fluid milk customers.

Under Federal milk orders, producer-handlers are regulated to the extent that they must file reports to the market administrator and maintain adequate books and records so these reports can be verified. These records must prove the producer-handler's eligibility for exemption from the pooling and pricing provisions of the order. The requirements for exemption vary somewhat from order to order and from time to time. Generally, producer-handlers must operate a personal enterprise at their own risk, their sources of milk supply are confined to their own production plus limited receipts from pool plants, and they must sell fluid milk products in the marketing area. There are no limits, however, on the amount of milk that producer-handlers may ship to regulated handlers.

In order to determine the number and relative importance of producer-handlers in Federal milk order markets today, and to compare these relationships to earlier periods, a survey was made of their operations in October 1976. Similar surveys have been made covering selected years 1959 through 1973. No attempt has been made to make the data comparable from year to year because many markets were newly regulated, merged, expanded, or terminated, and order provisions regarding producer-handlers sometimes were changed. As a result, the figures represent the situation in the respective year.

Some highlights of this most recent survey with comparisons to earlier periods are:

- (1) In October 1976, 396 producer-handlers operated in 32 out of 50 Federal milk order markets. Over the period 1959 through 1973, at least half of all the markets reported producer-handler operations. The average number of producer-handlers fluctuated from a low of 7.8 in 1967 to a high of 12.4 in 1976, with no apparent trend. See table 1.
- (2) Producer-handlers increased in size over the period examined. Average fluid in-area milk sales increased from 34,645 pounds in October 1959 to 130,996 pounds in October 1976. The share of fluid milk sales in the marketing areas where they operated increased to 1.9 percent in October 1976. This share generally increased from 1.2 percent in October 1959 to a peak of 2.4 percent in 1967, and then decreased to 1.6 percent in 1973. See table 1.
- (3) Although there were 32 markets which reported producer-handlers in October 1976, 20 of these reported five or fewer. There were seven markets that reported 21 or more producer-handlers. See table 2.

- (4) In October 1976, the Eastern Ohio-Western Pennsylvania market reported 77 producer-handlers. In each of the eight years considered, the New England order and its predecessors and the Puget Sound order were consistently among the top ten markets in the number of producer-handlers reported. More recently, the Oregon-Washington, Middle Atlantic and Central Arizona markets are among the leaders. See table 3.
- (5) In October 1976, producer-handlers accounted for nearly 15 percent of in-area fluid milk sales in the Puget Sound market. In four other marketing areas, producer-handlers represented more than seven percent of in-area fluid milk sales. The proportion of sales accounted for by producer-handlers in the top ten markets increased from 3.5 percent in October 1959 to a peak of 9.6 percent in October 1967, and is currently at 7.6 percent. Most of the markets in the top ten, in October 1976, are located in the western part of the United States. See table 5.
- (6) In May 1976, producer-handlers in 19 markets shipped nearly 2.5 million pounds of milk to pool plants. This volume represented 0.18 percent of the total packaged disposition at those pool plants. In October 1976, producer-handlers in 18 markets shipped slightly more than 1.4 million pounds of milk to pool plants. This volume represented 0.11 percent of the total packaged disposition at those pool plants. Most of these shipments were in the form of milk. However, small amounts also were transferred as cream and skim milk.

* Prepared by John P. Rourke and Howard D. Leathers

Table 1.—Number and average sales of producer-handlers reported under Federal milk orders, for selected years, October 1959-1976

| Year | Federal orders in effect 1/ : | Orders reporting producer- handlers : | Percentage of orders reporting producer- handlers : | Producer- handlers reported : | Average number per order reporting : | Average in-area sales per producer- handler : | In-area sales accounted for by producer- handlers in reporting mkt. : |
|------|--|---|--|--|--|--|--|
| | Number | | Percent | Number | Percent | 1,000 lb. | Percent |
| 1959 | 74 | 38 | 51.4 | 348 | 9.2 | 34,645 | 1.2 |
| 1961 | 79 | 41 | 51.9 | 402 | 9.8 | 42,543 | 1.4 |
| 1963 | 81 | 45 | 55.6 | 389 | 8.6 | 53,379 | 1.4 |
| 1965 | 73 | 43 | 58.9 | 386 | 9.0 | 64,571 | 1.6 |
| 1967 | 72 | 44 | 61.1 | 344 | 7.8 | 112,090 | 2.4 |
| 1969 | 66 | 42 | 63.6 | 421 | 10.0 | 100,654 | 2.1 |
| 1973 | 60 | 40 | 66.7 | 341 | 8.5 | 111,158 | 1.6 |
| 1976 | 50 | 32 | 64.0 | 396 | 12.4 | 130,996 | 1.9 |
| Av. | 69 | 41 | 59.4 | 378 | 9.2 | 81,254 | 1.7 |

1/ For the years 1959-1973, the figures represent the number of orders for which data were available.

Table 2.—Number of Federal order markets reporting various numbers of producer-handlers, for selected years, October 1959—October 1976

| Number of producer- handlers reported | Number of markets | | | | | | | | | | Av. |
|--|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---|---|------|
| | Oct. 1959 | Oct. 1961 | Oct. 1963 | Oct. 1965 | Oct. 1967 | Oct. 1969 | Oct. 1973 | Oct. 1976 | : | : | |
| 0 | 36 | 38 | 36 | 30 | 28 | 24 | 20 | 18 | : | : | 28.8 |
| 1-5 | 24 | 26 | 28 | 25 | 29 | 26 | 28 | 20 | : | : | 25.8 |
| 6-10 | 4 | 4 | 7 | 11 | 9 | 9 | 5 | 4 | : | : | 6.6 |
| 11-20 | 5 | 3 | 6 | 2 | 1 | 2 | 3 | 1 | : | : | 2.9 |
| 21-30 | 2 | 5 | 0 | 1 | 2 | 2 | 1 | 1 | : | : | 1.8 |
| Over 30 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 6 | : | : | 3.6 |

Table 3.—Top ten markets in number of producer-handlers reported, for selected years, October 1959-1976

| Rank | Oct. 1959 | Oct. 1961 | Oct. 1963 | Oct. 1965 | Oct. 1967 | Oct. 1969 | Oct. 1973 | Oct. 1976 |
|------|---------------------|----------------------|----------------------|----------------------|------------------------------------|----------------------|----------------------|-----------------------|
| 1 | Conn. | Conn. | Conn. | Mass.— R.I.—N.H. | Mass.— R.I.—N.H. | E. Ohio— W. Pa. | E. Ohio— W. Pa. | E. Ohio— W. Pa. |
| | 59 | 67 | 56 | 62 | 56 | 123 | 103 | 77 |
| 2 | S.E. New Eng. | S.E. New Eng. | Puget Sound | Great Basin | Great Basin | Great Basin | Oregon— Wash. | Oregon— Wash. |
| | 42 | 43 | 38 | 46 | 54 | 60 | 54 | 46 |
| 3 | Boston | Great Basin | Great Basin | Conn. | Conn. | Mass.— R.I.—N.H. | Boston Regional | New England |
| | 33 | 33 | 36 | 43 | 35 | 45 | 35 | 44 |
| 4 | Clarksburg | Boston | S.E. New Eng. | Puget Sound | Puget Sound | Puget Sound | Puget Sound | Puget Sound |
| | 25 | 26 | 32 | 42 | 28 | 23 | 25 | 44 |
| 5 | Puget Sound | Puget Sound | Boston | Rio Grande Valley | Rio Grande Valley | Conn. | Rio Grande Valley | Great Basin |
| | 22 | 23 | 20 | 24 | 23 | 21 | 16 | 36 |
| 6 | Wichita | Clarksburg | Worcester | Southern Michigan | Neosho Valley | Rio Grande Valley | Great Basin | N. York— N. Jersey |
| | 17 | 22 | 20 | 18 | 11 | 20 | 14 | 33 1/2 |
| 7 | Kansas City | Southern Michigan | Southern Michigan | Clarksburg | Eastern Colorado | Chicago Regional | Conn. | Puget Sound |
| | 15 | 22 | 20 | 11 | 10 | 11 | 12 | 26 |
| 8 | Wheeling | Worcester | Clarksburg | Delaware Valley | Kansas City | Upper Florida | Chicago Regional | Rio Grande Valley |
| | 14 | 21 | 17 | 10 | 9 | 10 | 9 | 15 |
| 9 | Neosho Valley | Kansas City | Rio Grande Valley | Kansas City | Upper Florida | Neosho Valley | Middle Atlantic | Central Arizona |
| | 11 | 16 | 13 | 10 | 9 | 9 | 8 | 9 |
| 10 | Oklahoma Metrop. | Wichita | Kansas City | Neosho Valley | Tampa Bay & Oklahoma Metrop. | Eastern Colorado | Central Arizona | Eastern Colorado |
| | 11 | 14 | 11 | 10 | 8 each | 9 | 7 | 9 |

1/ First year for which complete data were available.

Table 5.—Top ten markets in percent of in-area sales accounted for by producer-handlers, for selected years, October 1959-1976

| Rank | Oct. 1959 | Oct. 1961 | Oct. 1963 | Oct. 1965 | Oct. 1967 | Oct. 1969 | Oct. 1973 | Oct. 1976 |
|--------------------|---|---|---|---|------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|
| 1 | Colorado : Springs- Pueblo : 6.4 : | Great : Basin : 6.5 : | Great : Basin : 7.4 : | Great : Basin : 10.6 : | Tampa : Bay : 16.8 : | Western : Colorado : * : | Puget : Sound : 14.1 : | Puget : Sound : 14.8 : |
| 2 | Clarksburg : Springs- Pueblo : 5.8 : | Colorado : Springs- Pueblo : 6.4 : | Puget : Sound : 6.6 : | Rio Grande : Valley : 10.3 : | Upper : Florida : 15.6 : | Upper : Florida : 13.9 : | Rio Grande : Valley : 9.2 : | Great : Basin : 8.8 : |
| 3 | S.E. New Eng. 4.1 : | Springfield: Colorado : Springs- Pueblo : 5.9 : | Colorado : Springs- Pueblo : 6.2 : | Puget : Sound : 7.5 : | Rio Grande : Valley : 12.0 : | Rio Grande : Valley : 13.5 : | Central : Arizona : 9.0 : | Central : Arizona : 8.1 : |
| 4 | Rock River : Valley : * : | Clarksburg : Springfield: Colorado : Springs- Pueblo : 5.7 : | Springfield: Colorado : Springs- Pueblo : 5.7 : | Colorado : Springs- Pueblo : 6.6 : | Great : Basin : 11.7 : | Great : Basin : 11.7 : | Oregon- Wash. : 6.9 : | Rio Grande : Valley : 7.2 : |
| 5 | Puget : Sound : 3.8 : | Worcester : Colorado : 5.3 : | Worcester : Colorado : 5.3 : | Neosho : Valley : 4.3 : | Central : Arizona : 7.9 : | Tampa : Bay : 9.8 : | Neosho : Valley : 6.7 : | Eastern : Colorado : 7.1 : |
| 6 | Wichita : 3.1 : | Puget : Sound : 5.2 : | Clarksburg : Colorado : 4.5 : | Central : Arizona : 4.2 : | Puget : Sound : 6.9 : | Central : Arizona : 8.0 : | Great : Basin : 5.6 : | Oregon- Wash. : 6.8 : |
| 7 | Neosho : Valley : 3.1 : | S.E. New Eng. 4.4 : | Neosho : Valley : 3.6 : | Duluth- Superior : 3.7 : | Neosho : Valley : 5.1 : | Puget : Sound : 5.9 : | Western : Colorado : * : | Neosho : Valley : 4.0 : |
| 8 | Miss. Delta. * : | Neosho : Valley : 3.5 : | S.E. New Eng. 3.3 : | Calarksburg : Madison : 3.5 : | Madison : 4.1 : | Neosho : Valley : 4.2 : | Eastern : Colorado : 4.5 : | Western : Colorado : * : |
| 9 | Fort : Smith : * : | Connecticut: Rio Grande : Valley : 3.3 : | Rio Grande : Valley : 3.1 : | Eastern : Colorado : 3.0 : | Eastern : Colorado : 3.7 : | Eastern : Colorado : 4.1 : | E. Ohio- W. Pa. : 2.0 : | Upper : Florida : * : |
| 10 | Kansas : City : 1.9 : | Wichita : Colorado : 2.6 : | Eastern : Colorado : 3.0 : | Connecticut: Colorado : 2.5 : | Western : Colorado : * : | Black : Hills : * : | Red River : Valley : * : | Mich. Up. Peninsula : 2.7 : |
| Wtd. av. (Pct.) | 3.5 | 4.5 | 4.7 | 5.4 | 9.6 | 9.0 | 5.6 | 7.6 |

* Restricted. Represents sales made by fewer than three producer-handlers, which cannot be shown without revealing the volume of their individual businesses.

Federal milk orders were effective in 50 milk marketing areas on January 1, 1977. The statistical data collected under the Federal milk order program are an important segment of the information needed to administer the orders. These data also are compiled and released for the use of persons who are interested in comprehensive information on milk supplies, utilization, and sales, as well as prices established under the various milk orders.

Statistical Bulletin No. 248, "Federal Milk Order Market Statistics, 1947-56," and annual compilations thereafter, contain historical data about Federal milk orders. A public release of monthly information is made in a monthly report also entitled "Federal Milk Order Market Statistics."

WHAT IS A FEDERAL MILK MARKETING ORDER?

It is a regulation issued by the Secretary of Agriculture which places certain requirements on the handling of milk in the area it covers. It is established under the authority of the Agricultural Marketing Agreement Act of 1937, as amended. It requires that handlers of milk for a marketing area pay not less than certain minimum class prices established according to how the milk is utilized. These prices are established under the order after a public hearing at which evidence is received on the supply and demand conditions for milk in the market. A milk order, including the pricing provisions and all other provisions, becomes effective only after approval by dairy farmers. It requires that payments for milk be pooled and paid to individual farmers or cooperative associations of farmers on the basis of a uniform or average price.

WHY FIGURES ARE COLLECTED?

In order to determine how much milk handlers use in each price class, they are required to file reports showing their receipts of milk from each source and the quantity used or disposed of in each form. Receipts of milk directly from farms and receipts from other plants are reported separately. All major fluid milk products and manufactured milk products are listed on the report form and handlers are required to specify the volume and butterfat content of milk used in each product. From these reports data are compiled and totaled for each market.

On the basis of these reports, the market administrator makes preliminary computations of each handler's obligation and calculates the minimum price he must pay producers. The market administrator is the Federal official in each market who, with the assistance of a staff, administers the terms of the Federal order.

ARE FIGURES VERIFIED?

Following the receipts of reports from handlers and the computation of this preliminary statement of handlers' obligations, the market administrator sends auditors to handlers' plants where they examine books and records of plant operations to determine whether milk was actually used as reported and whether required payments were made to producers. Thus, reported data are subject to audit.

Since Federal milk order statistics are developed from complete records of the quantities of milk priced under Federal orders rather than sample data, they provide reliable market information. In using these data, however, it is important to understand the character of fluid milk markets, the scope of data collected and reported under Federal orders, and certain limitations in the use of the data.

FEDERAL ORDER TERMS

Marketing Area. A marketing area is a designated trading area within which the handling of milk is regulated by the Federal order. Generally, the size of the marketing area is determined by the sales territory of competing handlers.

Producer. A producer is usually any dairy farmer who sells milk to a pool handler. He must not be a producer-handler; he must produce milk in compliance with Grade A or similar inspection requirements; and his milk must either be received at a pool plant or diverted to a nonpool plant for the account of a pool handler.

Handler. A handler is a person or business entity, either a milk processor or a milk distributor, who is subject to the provisions of the orders. Under most orders he is any milk dealer whose plant is approved by a duly constituted health authority, and who disposes of Grade A fluid milk products in the marketing area. Handlers include persons who sell milk to other milk dealers as well as persons who sell milk to consumers and retailers.

Federal orders provide for three general types of handlers. They are:

- A. Operators of Pool Plants (Pool Handler). Operators of plants which meet minimum performance standards included in each order and which are subject in full to the provisions of an order. There are three types of pool plants--distributing plants, supply plants, and cooperative association plants.
- B. Operators of Nonpool Plants. Operators of plants from which fluid milk products are disposed of in the marketing area or to pool plants, but which do not meet the requirements for pooling. There are four types of nonpool plants--Other Order Plant, Producer-Handler Plant, Partially Regulated Distributing Plant, and Unregulated Supply Plant.
- C. Cooperative Associations. Cooperatives which operate pool plants qualify as handlers. Also, a cooperative may have pool handler status under most Federal milk marketing orders if it either diverts producer milk or delivers its members' bulk tank milk directly to pool plants.

Classes of Milk. Classes of milk are defined in each Federal order and in some cases vary from market to market. Therefore, the order itself is the only source of complete information regarding the classification of milk in a given market. (For complete information on orders, see U.S. Code of Federal Regulations, Title 7, Parts 1000 to 1199.)

Most orders provide for three classes. In general, if milk is disposed of by a handler as whole milk, lowfat milk, or skim milk, it is classified as Class I milk. If milk is disposed of as fluid cream or in soft manufactured products such as cottage cheese and frozen desserts, it is Class II; and if disposed of in hard manufactured products such as cheese, butter, and milk products in dry form, it is Class III.

WHAT IS INCLUDED IN RECEIPTS, SALES, AND PRICES

Receipts. Federal milk order statistics include volumes of milk received by handlers regulated under each of the Federal orders. The volume of milk reported as received by handlers from producers includes all such milk regardless of where it may be sold. Milk identified as received from producers for a given market may come directly from nearby producers or from producers associated with a pool supply plant which is located several hundred miles from the marketing area.

Class I producer milk is the quantity of milk delivered by producers for which handlers were required to pay the minimum Class I price established by the orders. Total (or gross) Class I milk includes any milk from sources other than producers which is assigned to Class I.

Sales. In Federal order market statistics, an important distinction is made between sales of fluid milk products in a marketing area and fluid milk and cream dispositions by handlers regulated in a market. The latter are total dispositions by the handlers fully regulated under an order and include their disposition both inside and outside the defined marketing area of that order. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

On the other hand, in-the-marketing-area fluid milk sales (whole milk items and lowfat and skim milk items) represent sales in each of the marketing areas by handlers regulated under the respective order, by handlers regulated under other Federal orders, by partially regulated handlers, and by producer-handlers. These data are useful in appraising trends in sales of fluid milk products which are due to changes in population and per capita consumption in the Federal order marketing area.

Order amendments may change marketing areas. In those instances, sales are shown for such marketing areas, if possible, for an entire year--both according to the area before the change was made and according to the defined area after the change. This permits year-to-year comparisons, both before and after the change.

Prices. All prices reported for Federal milk order markets are the minimum prices required to be paid under order terms. Handlers may pay prices in excess of these minimum amounts. Any such payments in excess of Federal order prices are in no way enforced by Federal milk orders and are not reported in Federal milk order statistics.

Class I Prices. In all markets the Class I price is based on the Minnesota-Wisconsin price. To this price is added a fixed differential stated in the order. In addition, the level of Class I prices may be limited by a tie to another market.

Manufacturing Class Prices. Prices for producer milk used in classes other than Class I are related to the Minnesota-Wisconsin price series. In a few orders the prices for milk used in other than Class I are based on the lower of the Minnesota-Wisconsin price or a butter-powder formula price.

Uniform (Blend) Prices. In Federal order markets, minimum prices required to be paid producers are termed uniform or "blend" prices. In markets where marketwide pools are used, the blend price is the weighted average of all class values of milk used by all handlers, and all producers must be paid at least this average price per hundredweight, subject to butterfat and location differentials. For orders which provide for individual handler pools, the blend price reported in statistics for each market is a weighted average of all such individual handlers' blend prices. In markets where producer prices are established in terms of a base price and an excess price, the blend price reported represents the weighted average of base and excess payments.

Location Differentials. The Class I price announced by the market administrator is subject to adjustment, depending on the location of the plant. Nearly all orders provide for downward adjustment of prices at plants which are distant from the major consuming centers to reflect the cost of hauling milk to the city. Generally, Class I prices are progressively lower with increasing distance from the basing point (usually the major city in the marketing area).

Blend prices and base prices paid to producers are subject to adjustment, depending on the location of the plant where the producer ships his milk. The adjustment is the same as the location adjustments applied to the Class I price.

Butterfat Differentials. All Federal order prices are quoted on a 3.5 percent butterfat basis. To adjust prices for a higher or lower butterfat content, a butterfat differential is used. The butterfat differential is the amount by which the applicable price is increased or decreased for each one-tenth of one percent that the butterfat content of the milk is above or below 3.5 percent. The butterfat differential does not represent the value of butterfat, but reflects the difference between the values of 0.1 pound of butterfat and 0.1 pound of skim milk.

Seasonal Incentive Payment Plans. Two methods are used in Federal milk orders to encourage more even production of milk throughout the year. They are: Louisville (takeout and payback) plans and seasonal base plans for paying producers.

- A. Louisville Plans. The market administrator withholds a specified amount from the blend price in each of several spring months when milk production is seasonally high and puts it into a special fund. In each of several fall months when milk production declines, a proportion of the total amount withheld is paid to producers.

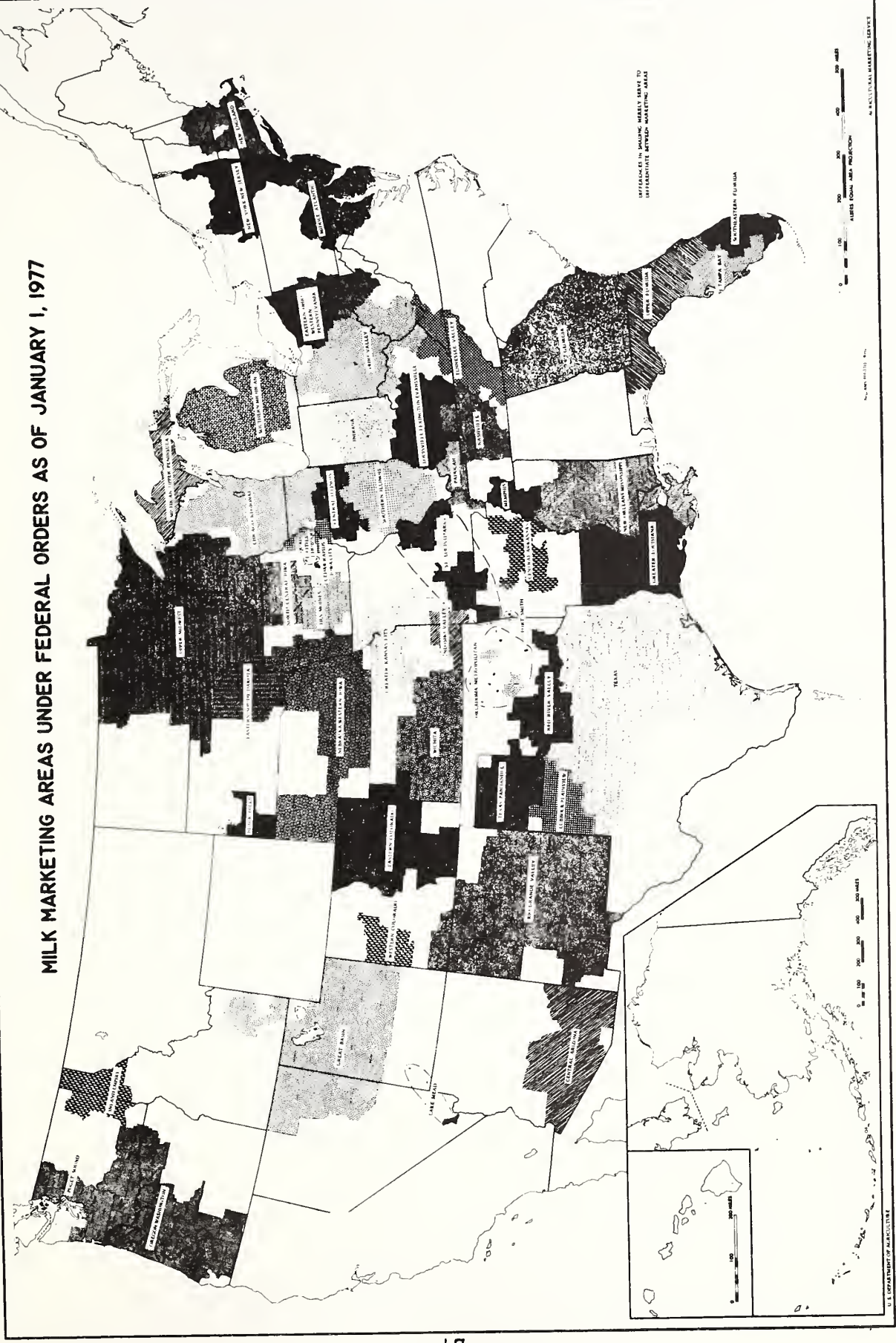
- B. Seasonal Base Plans. Each year each producer establishes a base equal to his average daily delivery of milk during the season of low production for the market. The base forming period is specified in the order and need not be limited to one year. During the base-paying months, a producer is paid a higher price for the portion of his milk that does not exceed his base, and a lower price (approximately equal to the surplus class price) for deliveries that exceed his base.

Class I Base Plans. The Food and Agriculture Act of 1965, as extended and revised by the Agriculture Act of 1970, provides that producer bases may be limited to higher-valued fluid sales. Deliveries by a producer in excess of his base would be at the surplus milk price. The Agriculture and Consumer Protection Act of 1973 extended the expiration date of the revised Class I base plan authority to December 31, 1977. However, Class I base plans issued prior to this date may continue in effect through December 31, 1980. As of January 1, 1977, only the Puget Sound and Georgia markets have incorporated Class I base plans into their orders.

SUMMARY OF STATISTICS FOR ALL FEDERAL ORDER MARKETS

In order to measure certain changes in a group of markets, Federal milk order statistics have been summarized to show data for a group of markets which have been in continuous regulation and which have had no significant marketing area expansions from January 1 of one year through December 31 of the following year. However, comparability of data (producer receipts, Class I sales, and milk disposed of in fluid milk and cream products and in manufactured products) can be affected by changes in order provisions other than marketing area changes. These may include changes in classification, pricing, handler definitions, etc. Also, noticeable differences can occur in data because of changes in marketing practices which result in changes in the number of producers or plants associated with the particular Federal order market concerned.

MILK MARKETING AREAS UNDER FEDERAL ORDERS AS OF JANUARY 1, 1977



U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
WASHINGTON, D.C. 20250

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF
AGRICULTURE
AGR 101



FIRST-CLASS MAIL

- - -

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300

MAJOR ORDER ACTIONS, JANUARY 1977

Amendments:

Middle Atlantic - January 1 (41 FR 46448, 10/21/76). The rate of deduction for the advertising and promotion program is increased from 5 cents to 7 cents per hundredweight with respect to marketings on and after January 1, 1977.